

# GSM General Packet Radio Services

## Test Specification LLC

Confidential

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## 0 Document Control

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| 8441.402.99.028 | 30-May-2003 | UT      | Wrong declaration of field length for supervisory frames.  |

## 0.2 References

- [1] GSM 05.02 version 8.0.0 Release 1999  
Digital cellular telecommunications system (Phase 2+);  
Multiplexing and multiple access on the radio path
- [2] GSM 04.60 version 6.3.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
General Packet Radio Service (GPRS);  
Mobile Station (MS) - Base Station System (BSS) interface;  
Radio Link Control/ Medium Access Control (RLC/MAC) protocol
- [3] GSM 04.08 version 6.3.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
Mobile radio interface layer 3 specification
- [4] GSM 03.64 version 6.1.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
General Packet Radio Service (GPRS);  
Overall description of the GPRS radio interface; Stage 2
- [5] GSM 03.60 version 6.3.1 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
General Packet Radio Service (GPRS);  
Service description; Stage 2
- [6] GSM 04.07 version 6.3.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
Mobile radio interface signalling layer 3; General aspects
- [7] GSM 04.64 version 6.3.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
General Packet Radio Service (GPRS);  
Mobile Station - Serving GPRS Support Node (MS-SGSN)  
Logical Link Control (LLC) layer specification
- [8] GSM 05.08 version 6.4.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
Radio subsystem link control
- [9] GSM 05.10 version 6.3.0 Release 1997  
Digital cellular telecommunications system (Phase 2+);  
Radio subsystem synchronization
- [10] GSM 03.20 TS 100 929: July 1998 (GSM 03.20 version 6.0.1)  
Security related network functions, ETSI
- [11] Draft GSM 03.22: August 1998 (GSM 03.22 version 6.1.0)  
Functions related to Mobile Station (MS) in idle mode and group receive mode, ETSI
- [12] GSM 04.65 V6.3.0: Subnetwork Dependant Convergence Protocol  
ETSI, March 1999
- [13] ITU-T V42bis ITU-T, Recommendation V.42 bis 1990
- [14] GSM 09.60 GPRS Tunneling Protocol (GTP) across the Gn and Gp Interface

- [15] RFC 1661 IETF STD 51 July 1994  
The Point-to-Point Protocol (PPP)
- [16] RFC 1662 IETF STD 51 July 1994  
PPP in HDLC-like Framing
- [17] RFC 1570 January 1994  
PPP LCP Extensions
- [18] RFC 1989 August 1996  
PPP Link Quality Monitoring
- [19] RFC 1332 May 1992  
The PPP Internet Protocol Control Protocol (IPCP)
- [20] RFC 1877 December 1995  
PPP IPCP Extensions for Name Server Addresses
- [21] RFC 2153 May 1997  
PPP Vendor Extensions
- [22] RFC 1334 October 1992  
PPP Authentication Protocols (for Password Authentication Protocol only)
- [23] RFC 1994 August 1996  
PPP Challenge Handshake Authentication Protocol (CHAP)
- [24] TIA/EIA-136-370  
Packet-Data Services – Enhanced General Packet Radio for TIA/EIA-136 (EGPRS-136) - Overview, Telecommunications Industry Association
- [25] TIA/EIA-136-376  
Packet-Data Services – EGPRS-136 Mobility Management, Telecommunications Industry Association
- [26] TIA/EIA-136-972  
Packet-Data Services – Stage 2 Description, Telecommunications Industry Association

### 0.3 Abbreviations

|       |  |
|-------|--|
| ACI   | Application Control Interface  |
| AGCH  | Access Grant Channel   |
| AT    | Attention sequence "AT" to indicate valid commands of the ACI        |
| BCCH  | Broadcast Control Channel  |
| BS    | Base Station   |
| BSIC  | Base Station Identification Code                                     |
| C/R   | Command/Response   |
| C1    | Path Loss Criterion  |
| C2    | Reselection Criterion  |
| CBCH  | Cell Broadcast Channel   |
| CBQ   | Cell Bar Qualify   |
| CC    | Call Control   |
| CCCH  | Common Control Channel   |
| CCD   | Condat Coder Decoder   |
| CCI   | Compression and Ciphering Interface                                  |
| CHAP  | Challenge Handshake Authentication Protocol                          |
| CKSN  | Ciphering Key Sequence Number  |
| CRC   | Cyclic Redundancy Check  |
| DCCH  | Dedicated Control Channel  |
| DCOMP | Identifier of the user data compression algorithm used for the N-DPU |
| DISC  | Disconnect Frame   |
| DL    | Data Link Layer  |
| DM    | Disconnected Mode Frame  |
| DTX   | Discontinuous Transmission   |
| E     | Extension bit  |
| EA    | Extension Bit Address Field  |
| EL    | Extension Bit Length Field   |
| EMMI  | Electrical Man Machine Interface                                     |
| F     | Final Bit  |
| FACCH | Fast Associated Control Channel                                      |
| FHO   | Forced Handover  |
| GACI  | GPRS Application Control Interface                                   |
| GMM   | GPRS Mobility Management   |
| GP    | Guard Period   |
| GRR   | GPRS RR  |
| GSM   | Global System for Mobile Communication                               |
| HDLC  | High-level Data Link Control   |
| HISR  | High level Interrupt Service Routine                                 |
| HPLMN | Home Public Land Mobile Network                                      |
| I     | Information Frame  |
| IMEI  | International Mobile Equipment Identity                              |
| IMSI  | International Mobile Subscriber Identity                             |
| IP    | Internet Protocol  |
| IPCP  | Internet Protocol Control Protocol                                   |
| ITU   | International Telecommunication Union                                |
| IWF   | Interworking Function  |
| Kc    | Ciphering Key  |
| L     | Length Indicator   |
| LAI   | Location Area Information  |
| LCP   | Link Control Protocol  |

|       |   |
|-------|---|
| LISR  | Low level Interrupt Service Routine   |
| LLC   | Logical Link Control  |
| LPD   | Link Protocol Discriminator   |
| LQM   | Link Quality Monitoring   |
| M     | More bit used to indicate the last segment of N-DPU                                     |
| MAC   | Medium Access Control   |
| MCC   | Mobile Country Code   |
| MM    | Mobility Management   |
| MMI   | Man Machine Interface   |
| MNC   | Mobile Network Code   |
| MS    | Mobile Station  |
| MT    | Mobile Termination  |
| N(R)  | Receive Number  |
| N(S)  | Send Number   |
| NC    | Network Control   |
| NCC   | National Colour Code  |
| NCP   | Network Control Protocol  |
| NECI  | New Establishment Causes included   |
| N-PDU | Network Protocol Data Unit  |
| NSAPI | Network Layer Service Access Point Identifier   |
| OTD   | Observed Time Difference  |
| P     | Poll Bit  |
| P/F   | Poll/Final Bit  |
| PACCH | Packet Associated Control Channel   |
| PAP   | Password Authentication Protocol  |
| PBCCH | Packet BCCH   |
| PCCCH | Packet CCCH   |
| PCOMP | Identifier of the protocol control information compression algorithm used for the N-DPU |
| PDCH  | Packet Data Channel   |
| PDP   | Packet Data Protocol e.g. IP or X.25  |
| PDTCH | Packet Data Traffic Channel   |
| PRACH | Packet RACH   |
| PSI   | Packet System Information   |
| PCH   | Paging Channel  |
| PCO   | Point of Control and Observation  |
| PDU   | Protocol Data Unit  |
| PL    | Physical Layer  |
| PLMN  | Public Land Mobile Network  |
| PPC   | Packet Physical Convergence   |
| PPP   | Point-to-Point Protocol   |
| PTP   | Point to Point  |
| QoS   | Quality of Service  |
| RACH  | Random Access Channel   |
| REJ   | Reject Frame  |
| RLC   | Radio Link Control  |
| RNR   | Receive Not Ready Frame   |
| RR    | Radio Resource Management   |
| RR    | Receive Ready Frame   |
| RTD   | Real Time Difference  |
| RTOS  | Real Time Operating System  |
| SABM  | Set Asynchronous Balanced Mode  |
| SACCH | Slow Associated Control Channel   |
| SAP   | Service Access Point  |
| SAPI  | Service Access Point Identifier   |

|       |   |
|-------|---|
| SDCCH | Stand alone Dedicated Control Channel       |
| SDU   | Service Data Unit                           |
| SGSN  | Serving GPRS Support Node                   |
| SIM   | Subscriber Identity Module                  |
| SM    | Session Management                          |
| SMS   | Short Message Service                       |
| SMSCB | Short Message Service Cell Broadcast        |
| SNDCP | Subnetwork Dependant Convergence Protocol   |
| SNSM  | SNDCP-SM                                    |
| SS    | Supplementary Services                      |
| TAP   | Test Application Program                    |
| TBF   | Temporary Block Flow                        |
| TCH   | Traffic Channel                             |
| TCH/F | Traffic Channel Full Rate                   |
| TCH/H | Traffic Channel Half Rate                   |
| TCP   | Transmission Control Protocol               |
| TDMA  | Time Division Multiple Access               |
| TE    | Terminal Equipment - e. g. a PC             |
| TFI   | Temporary Flow Identifier                   |
| TLLI  | Temporary Logical Link Identifier           |
| TMSI  | Temporary Mobile Subscriber Identity        |
| TOM   | Tunnelling of Messages                      |
| TQI   | Temporary Queuing Identifier                |
| UA    | Unnumbered Acknowledgement Frame            |
| UART  | Universal Asynchronous Receiver Transmitter |
| UI    | Unnumbered Information Frame                |
| USF   | Uplink State Flag                           |
| V(A)  | Acknowledgement State Variable              |
| V(R)  | Receive State Variable                      |
| V(S)  | Send State Variable                         |
| VPLMN | Visited Public Land Mobile Network          |

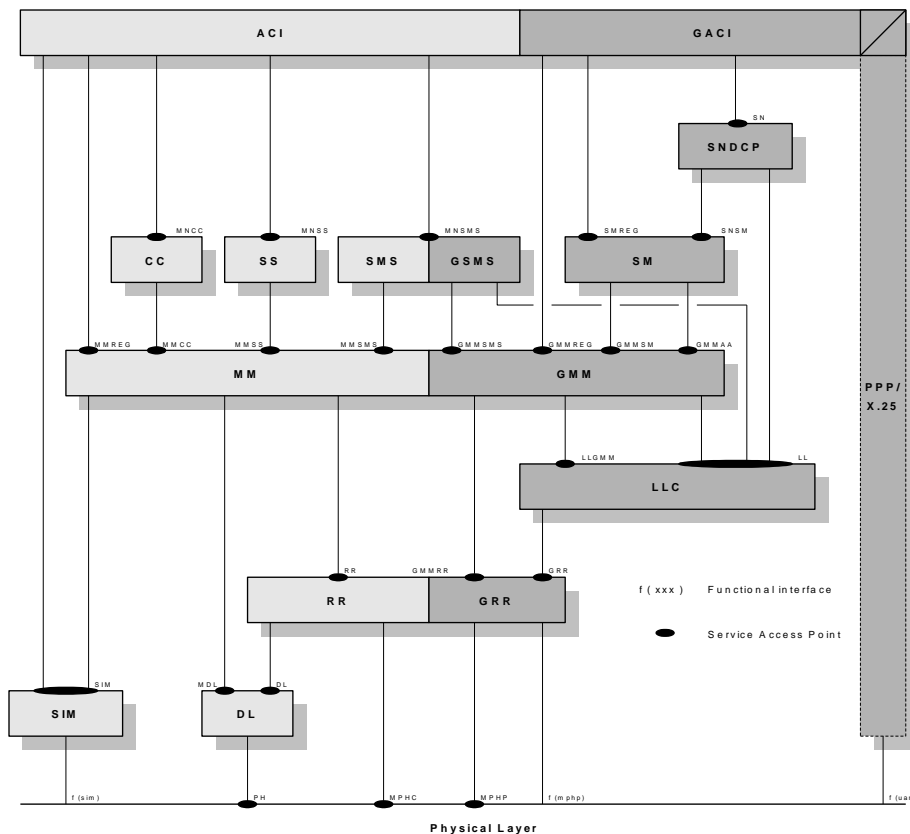
## 0.4 Terms

|                      |  |
|----------------------|--|
| Entity:              | Program which executes the functions of a layer  |
| Message:             | A message is a data unit which is transferred between the entities of the same layer (peer-to-peer) of the mobile and infrastructure side. Message is used as a synonym to protocol data unit (PDU). A message may contain several information elements. |
| Primitive:           | A primitive is a data unit which is transferred between layers on one component (mobile station or infrastructure). The primitive has an operation code which identifies the primitive and its parameters.   |
| Service Access Point | A Service Access Point is a data interface between two layers on one component (mobile station or infrastructure).   |

## 1 Overview

The Protocol Stacks are used to define the functionality of the GSM protocols for interfaces. The GSM specifications are normative when used to describe the functionality of interfaces, but the stacks and the subdivision of protocol layers does not imply or restrict any implementation.

The protocol stack for GPRS consists of several entities. Each entity has one or more service access points, over which the entity provides a service for the upper entity.



**Figure 1-1: Architecture of the GSM/GPRS protocol stack**

The information units passed via the SAPs are called primitives and consists of an operation code and several parameters. See the Users Guide for details.

The entities of the GPRS protocol stack are:

## 1.1 GRR (RLC/MAC) – Radio Link Control/Medium Access Control

This layer contains two functions: The Radio Link Control function provides a radio-solution-dependent reliable link. The Medium Access Control function controls the access signalling (request and grant) procedures for the radio channel, and the mapping of LLC frames onto the GSM physical channel.

## 1.2 LLC – Logical Link Control

The LLC entity provides multiple highly reliable logical links for asynchronous data transfer between the MS and the network. It supports variable-length information frames, acknowledged and unacknowledged data transfer, flow and sequence control, error detection and recovery, notification of unrecoverable errors, user identity confidentiality, and ciphering of user and signaling data.



### **1.3 GMM – GPRS Mobility Management**

The GMM entity provides procedures for the mobility of the MS, such as informing the network of its present location, and user identity confidentiality. It manages the GMM context (attach, detach, routing area updating), supports security functions such as authentication of user and MS, controls ciphering of data, and initiates the response to paging messages.

### **1.4 SM – Session Management**

The main function of the session management (SM) is to support PDP context handling of the user terminal. Session Management activates, modifies and deletes the contexts for packet data protocols (PDP). Session Management services are provided at the SMREG-SAP and the SNSM-SAP for anonymous and non-anonymous access. The non-anonymous and anonymous access procedures for PDP context activation and PDP context deactivation are available at the SMREG-SAP. In addition there exists a PDP context modification for non-anonymous PDP contexts.

### **1.5 SNDCP - Subnetwork Dependant Convergence Protocol**

SNDCP carries out all functions related to transfer of Network layer Protocol Data Units (N-PDUs) over GPRS in a transparent way. SNDCP helps to improve channel efficiency by means of compression techniques. The set of protocol entities above SNDCP consists of commonly used network protocols. They all use the same SNDCP entity, which then performs multiplexing of data coming from different sources to be sent using the service provided by the LLC layer.

### **1.6 GACI – GPRS Application Control Interface**

The GACI is the GPRS extension of the ACI. It is specified in GSM 07.07 and 07.60. It is responsible for processing of the GPRS related AT Commands to setup, activate and deactivate the PDP context parameter. It also provides functionality for the interworking between GMM/SM/SNDCP and a packet oriented protocol like PPP.

### **1.7 USART - Universal Synchronous Asynchronous Receiver Transmitter Driver**

The USART is a hardware component that facilitates a connection between the mobile station and terminal equipment (e.g. a PC). This interface uses some of the circuits described in V.24.

The data exchange provided by this unit is serial and asynchronous (synchronous communication is not in the scope of this document). A driver that uses interrupts to manage a circular buffer for the sending and receiving direction is necessary in order to use this component in the GPRS. The driver has to be able to perform flow control.

### **1.8 TOM – Tunnelling of Messages**

The TOM entity is present if and only if HS136 is supported (the feature flag FF\_HS136 is enabled).

The main function of TOM is to tunnel non-GSM signalling messages between the MS and the SGSN. The only non-GSM signalling which is currently supported by TOM is for the EGPRS-136 system (according to TIA/EIA-136-376). Data transfer in both uplink and downlink direction is possible. Two different priorities (high, low) of signalling data transfer are supported. TOM uses the unacknowledged mode of LLC and the acknowledged mode of GRR (RLC/MAC).

## 2 Parameters

/\*

### 2.1 Common Parameters

\*/

/\*

#### 2.1.1 TLLI

\*/

|      |              |             |
|------|--------------|-------------|
| LONG | TLLI_LOCAL_1 | 0xC1234567L |
|------|--------------|-------------|

/\*

#### 2.1.2 N201-U

\*/

|       |                   |      |
|-------|-------------------|------|
| SHORT | N201_U_DEF_SAPI1  | 400  |
| SHORT | N201_U_DEF_SAPI3  | 500  |
| SHORT | N201_U_DEF_SAPI5  | 500  |
| SHORT | N201_U_DEF_SAPI7  | 270  |
| SHORT | N201_U_DEF_SAPI9  | 500  |
| SHORT | N201_U_DEF_SAPI11 | 500  |
| SHORT | N201_U_MIN_SAPI1  | 400  |
| SHORT | N201_U_MIN_SAPI7  | 270  |
| SHORT | N201_U_MIN        | 140  |
| SHORT | N201_U_200        | 200  |
| SHORT | N201_U_300        | 300  |
| SHORT | N201_U_600        | 600  |
| SHORT | N201_U_400        | 400  |
| SHORT | N201_U_500        | 500  |
| SHORT | N201_U_520        | 520  |
| SHORT | N201_U_1520       | 1520 |
| SHORT | N201_U_1519       | 1519 |
| SHORT | N201_U_1517       | 1517 |
| SHORT | N201_U_1510       | 1510 |
| SHORT | N201_U_MAX        | 1520 |

/\*

#### 2.1.3 N201-I

\*/

|       |             |      |
|-------|-------------|------|
| SHORT | N201_I_ZERO | 0    |
| SHORT | N201_I_DEF  | 1503 |
| SHORT | N201_I_520  | 520  |
| SHORT | N201_I_1510 | 1510 |
| SHORT | N201_I_1503 | 1503 |
| SHORT | N201_I_1520 | 1520 |
| SHORT | N201_I_MIN  | 140  |
| SHORT | N201_I_MAX  | 1520 |

/\*

### 2.1.4 LL Refrence

\*/

|       |            |    |
|-------|------------|----|
| BYTE  | NSAPI_1    | 1  |
| SHORT | NPDU_NUM_1 | 42 |
| BYTE  | SEGNUM_0   | 0  |
| BYTE  | SEGNUM_1   | 1  |
| BYTE  | SEGNUM_2   | 2  |
| BYTE  | SEGNUM_3   | 3  |
| BYTE  | SEGNUM_4   | 4  |
| BYTE  | SEGNUM_5   | 5  |
| BYTE  | SEGNUM_6   | 6  |
| BYTE  | SEGNUM_7   | 7  |
| BYTE  | SEGNUM_8   | 8  |
| BYTE  | SEGNUM_9   | 9  |
| BYTE  | SEGNUM_10  | 10 |
| BYTE  | SEGNUM_11  | 11 |
| BYTE  | SEGNUM_12  | 12 |
| BYTE  | SEGNUM_13  | 13 |
| BYTE  | SEGNUM_14  | 14 |
| BYTE  | SEGNUM_15  | 15 |
| BYTE  | SEGNUM_16  | 16 |
| BYTE  | SEGNUM_17  | 17 |
| BYTE  | SEGNUM_18  | 18 |
| BYTE  | SEGNUM_19  | 19 |
| BYTE  | SEGNUM_20  | 20 |
| BYTE  | SEGNUM_21  | 21 |
| BYTE  | SEGNUM_22  | 22 |
| BYTE  | SEGNUM_23  | 23 |
| BYTE  | SEGNUM_24  | 24 |
| BYTE  | SEGNUM_25  | 25 |
| BYTE  | SEGNUM_26  | 26 |
| BYTE  | SEGNUM_27  | 27 |
| BYTE  | SEGNUM_28  | 28 |
| BYTE  | SEGNUM_29  | 29 |
| BYTE  | SEGNUM_30  | 30 |
| BYTE  | SEGNUM_31  | 31 |

/\*

## 2.2 Parameter Fields

\*/

/\*

### 2.2.1 Empty SDU

\*/

```
FIELD(EMPTY_SDU
      0, 0,
      0, 0,
ENDFIELD(EMPTY_SDU,4)
/*
```

/\* sdu.l\_buf = 0 \*/  
/\* sdu.o\_buf = 0 \*/

### 2.2.2 LL SDU Fields

\*/

/\*

**2.2.2.1 LL-REQ Primitives**

```

*/
FIELD(LLREQ_SDU1)
    0x08, 0x00, /* sdu.l_buf = 8 */
    0x28, 0x01, /* sdu.o_buf = 296 */
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0x01
ENDFIELD(LLREQ_SDU1, 42)
FIELD(LLREQ_SDU3)
    0x18, 0x00, /* sdu.l_buf = 24 */
    0x28, 0x01, /* sdu.o_buf = 296 */
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0x42, 0x43, 0x44
ENDFIELD(LLREQ_SDU3, 44)

FIELD(LLREQ_SDU100)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x28, 0x01, /* sdu.o_buf = 296 */
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
ENDFIELD(LLREQ_SDU100, 141)

FIELD(LLREQ_SDU500)
    0xA0, 0x0F, /* sdu.l_buf = 4000 */
    0x28, 0x01, /* sdu.o_buf = 296 */
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0, 0, 0, 0, 0, 0, 0, 0, 0, /*reserved*/
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10, 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20, 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30, 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40, 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50, 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60, 0x61, 0x62, 0x63, 0x64, 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10, 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20, 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30, 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40, 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50, 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60, 0x61, 0x62, 0x63, 0x64, 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10, 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20, 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30, 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40, 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50, 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60, 0x61, 0x62, 0x63, 0x64,

```
ENDFIELD(LLREQ_SDU500, 541)
```

FIELD(LLREQ\_SDU1000)

```
0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x00, /* reserved */
0x00, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
```

```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* reserved */

```

```
ENDFIELD(LLREQ_SDU1000, 1010)
```

```
/*
```

### 2.2.2.2 LL-IND Primitives, 3 Byte Offset, small

```
*/
```

```
FIELD(LLIND_D3_NS0_NR0_A1_S3)
```

```
0x18, 0x00, 0x20, 0x00,
```

```
0x03,
```

```
0x40, 0x00, 0x00,
```

```
0x42, 0x43, 0x44
```

```
/* sdu.l_buf = 24, sdu.o_buf = 32 */
```

```
/* PD = 0, C/R = 0, SAPI = 1245056 */
```

```
/* I frame: N(S)=0 N(R)=0 A=1 RR */
```

```
ENDFIELD(LLIND_D3_NS0_NR0_A1_S3, 11)
```

```
FIELD(LLIND_D3_NS1_NR0_A1_S3)
```

```
0x18, 0x00, 0x20, 0x00,
```

```
0x03,
```

```
0x40, 0x10, 0x00,
```

```
0x42, 0x43, 0x44
```

```
/* sdu.l_buf = 24, sdu.o_buf = 32 */
```

```
/* PD = 0, C/R = 0, SAPI = 1245056 */
```

```
/* I frame: N(S)=1 N(R)=0 A=1 RR */
```

ENDFIELD(LLIND\_D3\_NS1\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS2\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x20, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=2 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS2\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS3\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x30, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=3 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS3\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS4\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x40, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=4 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS4\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS5\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x50, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=5 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS5\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS6\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x60, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=6 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS6\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS7\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x70, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=7 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS7\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS8\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x80, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=8 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS8\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS9\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x40, 0x90, 0x00,  
0x42, 0x43, 0x44

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=9 N(R)=0 A=1 RR \*/*

ENDFIELD(LLIND\_D3\_NS9\_NR0\_A1\_S3, 11)

```

FIELD(LLIND_D3_NS10_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS10_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS11_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS11_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS12_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS12_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS13_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS13_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS14_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS14_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS15_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x40, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS15_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS16_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS16_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS17_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS17_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS18_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=10 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=11 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=12 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=13 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=14 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=15 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=16 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=17 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*



```

0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x20, 0x00, /* I frame: N(S)=18 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS18_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS19_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x30, 0x00, /* I frame: N(S)=19 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS19_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS20_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x40, 0x00, /* I frame: N(S)=20 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS20_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS21_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x50, 0x00, /* I frame: N(S)=21 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS21_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS22_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x60, 0x00, /* I frame: N(S)=22 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS22_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS23_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x70, 0x00, /* I frame: N(S)=23 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS23_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS24_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x80, 0x00, /* I frame: N(S)=24 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS24_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS25_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0x90, 0x00, /* I frame: N(S)=25 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS25_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS26_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x41, 0xa0, 0x00, /* I frame: N(S)=26 N(R)=0 A=1 RR */

```

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS26_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS27_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS27_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS28_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS28_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS29_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS29_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS30_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS30_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS31_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x41, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS31_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS32_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS32_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS33_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS33_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS34_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS34_NR0_A1_S3, 11)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=27 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=28 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=29 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=30 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=31 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=32 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=33 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=34 N(R)=0 A=1 RR \*/*

```

FIELD(LLIND_D3_NS35_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS35_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=35 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS36_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS36_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=36 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS37_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS37_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=37 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS38_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS38_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=38 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS39_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS39_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=39 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS40_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS40_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=40 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS41_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS41_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=41 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS42_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x42, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS42_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=42 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS43_NR0_A1_S3)

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```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x42, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS43_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS44_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x42, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS44_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS45_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x42, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS45_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS46_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x42, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS46_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS47_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x42, 0xf0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS47_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS48_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x43, 0x00, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS48_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS49_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x43, 0x10, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS49_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS50_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x43, 0x20, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS50_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS51_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=43 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=44 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=45 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=46 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=47 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=48 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=49 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=50 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/

```

        0x43, 0x30, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS51_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS52_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS52_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS53_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS53_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS54_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS54_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS55_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS55_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS56_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS56_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS57_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS57_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS58_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS58_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS59_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x43, 0xb0, 0x00,
    0x42, 0x43, 0x44

```

/\* I frame: N(S)=51 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=52 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=53 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=54 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=55 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=56 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=57 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=58 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=59 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS59\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS60\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x43, 0xc0, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS60\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=60 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS61\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x43, 0xd0, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS61\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=61 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS62\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x43, 0xe0, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS62\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=62 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS63\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x43, 0xf0, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS63\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=63 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS64\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x44, 0x00, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS64\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=64 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS65\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x44, 0x10, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS65\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=65 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS66\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x44, 0x20, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS66\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=66 N(R)=0 A=1 RR \*/*

FIELD(LLIND\_D3\_NS67\_NR0\_A1\_S3)  
0x18, 0x00, 0x20, 0x00,  
0x03,  
0x44, 0x30, 0x00,  
0x42, 0x43, 0x44  
ENDFIELD(LLIND\_D3\_NS67\_NR0\_A1\_S3, 11)

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=67 N(R)=0 A=1 RR \*/*

```

FIELD(LLIND_D3_NS68_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS68_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS69_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS69_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS70_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS70_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS71_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS71_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS72_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS72_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS73_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS73_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS74_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS74_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS75_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS75_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS76_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=68 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=69 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=70 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=71 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=72 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=73 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=74 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=75 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

        0x03,
        0x44, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS76_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS77_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS77_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS78_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS78_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS79_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x44, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS79_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS80_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS80_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS81_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS81_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS82_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS82_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS83_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS83_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS84_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x40, 0x00,

```

*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=76 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=77 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=78 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=79 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=80 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=81 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=82 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=83 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=84 N(R)=0 A=1 RR \*/*



```
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS84_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS85_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS85_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS86_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS86_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS87_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS87_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS88_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS88_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS89_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS89_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS90_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS90_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS91_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS91_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS92_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS92_NR0_A1_S3, 11)
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=85 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=86 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=87 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=88 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=89 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=90 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=91 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=92 N(R)=0 A=1 RR \*/*

```

FIELD(LLIND_D3_NS93_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS93_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=93 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS94_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS94_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=94 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS95_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x45, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS95_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=95 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS96_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS96_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=96 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS97_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS97_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=97 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS98_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS98_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=98 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS99_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS99_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=99 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS100_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS100_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=100 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS101_NR0_A1_S3)

```

```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0x50, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS101_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS102_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0x60, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS102_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS103_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0x70, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS103_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS104_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0x80, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS104_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS105_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0x90, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS105_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS106_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS106_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS107_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS107_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS108_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x46, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS108_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS109_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=101 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=102 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=103 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=104 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=105 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=106 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=107 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=108 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/

```

        0x46, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS109_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS110_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS110_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS111_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x46, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS111_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS112_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS112_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS113_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS113_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS114_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS114_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS115_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS115_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS116_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS116_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS117_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0x50, 0x00,
    0x42, 0x43, 0x44

```

/\* I frame: N(S)=109 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=110 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=111 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=112 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=113 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=114 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=115 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=116 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=117 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS117\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS118\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0x60, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=118 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS118\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS119\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0x70, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=119 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS119\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS120\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0x80, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=120 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS120\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS121\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0x90, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=121 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS121\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS122\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0xa0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=122 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS122\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS123\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0xb0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=123 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS123\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS124\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0xc0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=124 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS124\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS125\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x47, 0xd0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=125 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS125\_NR0\_A1\_S3, 11)

```
FIELD(LLIND_D3_NS126_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS126_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS127_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x47, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS127_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS128_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS128_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS129_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS129_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS130_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS130_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS131_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS131_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS132_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS132_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS133_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS133_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS134_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=126 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=127 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=128 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=129 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=130 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=131 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=132 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=133 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

        0x03,
        0x48, 0x60, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS134_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS135_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0x70, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS135_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS136_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0x80, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS136_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS137_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0x90, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS137_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS138_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS138_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS139_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS139_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS140_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS140_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS141_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS141_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS142_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x48, 0xe0, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=134 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=135 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=136 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=137 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=138 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=139 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=140 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=141 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=142 N(R)=0 A=1 RR \*/

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS142_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS143_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x48, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS143_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS144_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS144_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS145_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS145_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS146_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS146_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS147_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS147_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS148_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS148_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS149_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS149_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS150_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS150_NR0_A1_S3, 11)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=143 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=144 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=145 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=146 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=147 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=148 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=149 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=150 N(R)=0 A=1 RR \*/*



```

FIELD(LLIND_D3_NS151_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS151_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS152_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS152_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS153_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS153_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS154_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS154_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS155_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS155_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS156_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS156_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS157_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS157_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS158_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x49, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS158_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS159_NR0_A1_S3)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=151 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=152 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=153 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=154 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=155 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=156 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=157 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=158 N(R)=0 A=1 RR \*/*

```
0x18, 0x00, 0x20, 0x00,
0x03,
0x49, 0x10, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS159_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS160_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x00, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS160_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS161_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x10, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS161_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS162_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x20, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS162_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS163_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x30, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS163_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS164_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x40, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS164_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS165_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x50, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS165_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS166_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x4a, 0x60, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS166_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS167_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=159 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=160 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=161 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=162 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=163 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=164 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=165 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=166 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*

```

        0x4a, 0x70, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS167_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS168_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0x80, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS168_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS169_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0x90, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS169_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS170_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xa0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS170_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS171_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xb0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS171_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS172_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xc0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS172_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS173_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xd0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS173_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS174_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xe0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS174_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS175_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4a, 0xf0, 0x00,
        0x42, 0x43, 0x44

```

/\* I frame: N(S)=167 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=168 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=169 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=170 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=171 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=172 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=173 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=174 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=175 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS175\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS176\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x00, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=176 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS176\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS177\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x10, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=177 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS177\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS178\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x20, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=178 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS178\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS179\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x30, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=179 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS179\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS180\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x40, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=180 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS180\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS181\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x50, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=181 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS181\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS182\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x60, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=182 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS182\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS183\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4b, 0x70, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=183 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS183\_NR0\_A1\_S3, 11)

```
FIELD(LLIND_D3_NS184_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS184_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS185_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS185_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS186_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS186_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS187_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS187_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS188_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS188_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS189_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS189_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS190_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS190_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS191_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4b, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS191_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS192_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=184 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=185 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=186 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=187 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=188 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=189 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=190 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=191 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x00, 0x00, /* I frame: N(S)=192 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS192_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS193_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x10, 0x00, /* I frame: N(S)=193 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS193_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS194_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x20, 0x00, /* I frame: N(S)=194 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS194_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS195_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x30, 0x00, /* I frame: N(S)=195 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS195_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS196_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x40, 0x00, /* I frame: N(S)=196 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS196_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS197_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x50, 0x00, /* I frame: N(S)=197 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS197_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS198_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x60, 0x00, /* I frame: N(S)=198 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS198_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS199_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x70, 0x00, /* I frame: N(S)=199 N(R)=0 A=1 RR */
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS199_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS200_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00, /* sdu.l_buf = 24, sdu.o_buf = 32 */
0x03, /* PD = 0, C/R = 0, SAPI = 1245056 */
0x4c, 0x80, 0x00, /* I frame: N(S)=200 N(R)=0 A=1 RR */

```

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS200_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS201_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS201_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS202_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS202_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS203_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS203_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS204_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS204_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS205_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS205_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS206_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS206_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS207_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4c, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS207_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS208_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS208_NR0_A1_S3, 11)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=201 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=202 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=203 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=204 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=205 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=206 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=207 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=208 N(R)=0 A=1 RR \*/*

```

FIELD(LLIND_D3_NS209_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS209_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS210_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS210_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS211_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS211_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS212_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS212_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS213_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS213_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS214_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS214_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS215_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS215_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS216_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4d, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS216_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS217_NR0_A1_S3)

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=209 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=210 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=211 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=212 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=213 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=214 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=215 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=216 N(R)=0 A=1 RR \*/



```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0x90, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS217_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS218_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS218_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS219_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS219_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS220_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS220_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS221_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS221_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS222_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS222_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS223_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4d, 0xf0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS223_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS224_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x00, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS224_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS225_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=217 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=218 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=219 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=220 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=221 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=222 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=223 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=224 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/

```

        0x4e, 0x10, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS225_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS226_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x20, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS226_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS227_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x30, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS227_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS228_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x40, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS228_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS229_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x50, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS229_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS230_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x60, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS230_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS231_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x70, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS231_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS232_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x80, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS232_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS233_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x4e, 0x90, 0x00,
        0x42, 0x43, 0x44

```

/\* I frame: N(S)=225 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=226 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=227 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=228 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=229 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=230 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=231 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=232 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=233 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS233\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS234\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xa0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=234 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS234\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS235\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xb0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=235 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS235\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS236\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xc0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=236 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS236\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS237\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xd0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=237 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS237\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS238\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xe0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=238 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS238\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS239\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4e, 0xf0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=239 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS239\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS240\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4f, 0x00, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=240 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS240\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS241\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x4f, 0x10, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=241 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS241\_NR0\_A1\_S3, 11)

```
FIELD(LLIND_D3_NS242_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS242_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS243_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS243_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS244_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS244_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS245_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS245_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS246_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS246_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS247_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS247_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS248_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS248_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS249_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS249_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS250_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=242 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=243 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=244 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=245 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=246 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=247 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=248 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=249 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

        0x03,
        0x4f, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS250_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS251_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS251_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS252_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS252_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS253_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS253_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS254_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS254_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS255_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x4f, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS255_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS256_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS256_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS257_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS257_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS258_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x20, 0x00,

```

*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=250 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=251 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=252 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=253 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=254 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=255 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=256 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=257 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=258 N(R)=0 A=1 RR \*/*

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS258_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS259_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS259_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS260_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS260_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS261_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS261_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS262_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS262_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS263_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS263_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS264_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS264_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS265_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS265_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS266_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS266_NR0_A1_S3, 11)

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=259 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=260 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=261 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=262 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=263 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=264 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=265 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=266 N(R)=0 A=1 RR \*/

```

FIELD(LLIND_D3_NS267_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS267_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS268_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS268_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS269_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS269_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS270_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS270_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS271_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x50, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS271_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS272_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x51, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS272_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS273_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x51, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS273_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS274_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x51, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS274_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS275_NR0_A1_S3)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=267 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=268 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=269 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=270 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=271 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=272 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=273 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=274 N(R)=0 A=1 RR \*/*

```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x30, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS275_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS276_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x40, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS276_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS277_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x50, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS277_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS278_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x60, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS278_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS279_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x70, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS279_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS280_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x80, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS280_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS281_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0x90, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS281_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS282_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS282_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS283_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=275 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=276 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=277 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=278 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=279 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=280 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=281 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=282 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/



```

        0x51, 0xb0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS283_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS284_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0xc0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS284_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS285_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0xd0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS285_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS286_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0xe0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS286_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS287_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x51, 0xf0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS287_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS288_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x52, 0x00, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS288_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS289_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x52, 0x10, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS289_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS290_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x52, 0x20, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS290_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS291_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x52, 0x30, 0x00,
        0x42, 0x43, 0x44

```

/\* I frame: N(S)=283 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=284 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=285 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=286 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=287 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=288 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=289 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=290 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=291 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS291\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS292\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x40, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=292 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS292\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS293\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x50, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=293 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS293\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS294\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x60, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=294 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS294\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS295\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x70, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=295 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS295\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS296\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x80, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=296 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS296\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS297\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0x90, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=297 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS297\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS298\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0xa0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=298 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS298\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS299\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x52, 0xb0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=299 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS299\_NR0\_A1\_S3, 11)

```

FIELD(LLIND_D3_NS300_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x52, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS300_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS301_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x52, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS301_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS302_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x52, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS302_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS303_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x52, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS303_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS304_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS304_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS305_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS305_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS306_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS306_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS307_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS307_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS308_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=300 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=301 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=302 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=303 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=304 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=305 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=306 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=307 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

        0x03,
        0x53, 0x40, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS308_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS309_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS309_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS310_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS310_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS311_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS311_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS312_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS312_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS313_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS313_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS314_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS314_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS315_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS315_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS316_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xc0, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=308 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=309 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=310 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=311 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=312 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=313 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=314 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=315 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=316 N(R)=0 A=1 RR \*/

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS316_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS317_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS317_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS318_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS318_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS319_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x53, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS319_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS320_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS320_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS321_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS321_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS322_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS322_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS323_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS323_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS324_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS324_NR0_A1_S3, 11)

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=317 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=318 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=319 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=320 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=321 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=322 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=323 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=324 N(R)=0 A=1 RR \*/

```

FIELD(LLIND_D3_NS325_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS325_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS326_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS326_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS327_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS327_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS328_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS328_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS329_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS329_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS330_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS330_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS331_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS331_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS332_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x54, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS332_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS333_NR0_A1_S3)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=325 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=326 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=327 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=328 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=329 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=330 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=331 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=332 N(R)=0 A=1 RR \*/*

```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x54, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS333_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS334_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x54, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS334_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS335_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x54, 0xf0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS335_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS336_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x55, 0x00, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS336_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS337_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x55, 0x10, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS337_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS338_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x55, 0x20, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS338_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS339_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x55, 0x30, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS339_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS340_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x55, 0x40, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS340_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS341_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=333 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=334 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=335 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=336 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=337 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=338 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=339 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=340 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/

```

        0x55, 0x50, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS341_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS342_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS342_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS343_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS343_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS344_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS344_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS345_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS345_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS346_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS346_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS347_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS347_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS348_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS348_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS349_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x55, 0xd0, 0x00,
    0x42, 0x43, 0x44

```

/\* I frame: N(S)=341 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=342 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=343 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=344 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=345 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=346 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=347 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=348 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=349 N(R)=0 A=1 RR \*/



ENDFIELD(LLIND\_D3\_NS349\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS350\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x55, 0xe0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=350 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS350\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS351\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x55, 0xf0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=351 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS351\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS352\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x00, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=352 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS352\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS353\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x10, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=353 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS353\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS354\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x20, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=354 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS354\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS355\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x30, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=355 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS355\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS356\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x40, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=356 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS356\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS357\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x56, 0x50, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=357 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS357\_NR0\_A1\_S3, 11)

```

FIELD(LLIND_D3_NS358_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS358_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS359_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS359_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS360_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS360_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS361_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS361_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS362_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS362_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS363_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS363_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS364_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS364_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS365_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS365_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS366_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=358 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=359 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=360 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=361 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=362 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=363 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=364 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=365 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

        0x03,
        0x56, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS366_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS367_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x56, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS367_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS368_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS368_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS369_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS369_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS370_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS370_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS371_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS371_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS372_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS372_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS373_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS373_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS374_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x60, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=366 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=367 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=368 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=369 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=370 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=371 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=372 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=373 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=374 N(R)=0 A=1 RR \*/

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS374_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS375_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS375_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS376_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS376_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS377_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS377_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS378_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS378_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS379_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS379_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS380_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS380_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS381_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS381_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS382_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS382_NR0_A1_S3, 11)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=375 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=376 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=377 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=378 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=379 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=380 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=381 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=382 N(R)=0 A=1 RR \*/*

```
FIELD(LLIND_D3_NS383_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x57, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS383_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS384_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS384_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS385_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS385_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS386_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS386_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS387_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS387_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS388_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS388_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS389_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS389_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS390_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x58, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS390_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS391_NR0_A1_S3)
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=383 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=384 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=385 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=386 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=387 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=388 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=389 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=390 N(R)=0 A=1 RR \*/*

```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0x70, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS391_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS392_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0x80, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS392_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS393_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0x90, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS393_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS394_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0xa0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS394_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS395_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS395_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS396_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS396_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS397_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS397_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS398_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x58, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS398_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS399_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,

```

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=391 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=392 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=393 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=394 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=395 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=396 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=397 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=398 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/

```

        0x58, 0x00, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS399_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS400_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x00, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS400_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS401_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x10, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS401_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS402_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x20, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS402_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS403_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x30, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS403_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS404_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x40, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS404_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS405_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x50, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS405_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS406_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x60, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS406_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS407_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x59, 0x70, 0x00,
        0x42, 0x43, 0x44

```

/\* I frame: N(S)=399 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=400 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=401 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=402 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=403 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=404 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=405 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=406 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=407 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS407\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS408\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0x80, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=408 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS408\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS409\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0x90, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=409 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS409\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS410\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xa0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=410 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS410\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS411\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xb0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=411 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS411\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS412\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xc0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=412 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS412\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS413\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xd0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=413 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS413\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS414\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xe0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=414 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS414\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS415\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x59, 0xf0, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=415 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS415\_NR0\_A1\_S3, 11)



```

FIELD(LLIND_D3_NS416_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS416_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS417_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS417_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS418_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS418_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS419_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS419_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS420_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS420_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS421_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS421_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS422_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS422_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS423_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5a, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS423_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS424_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=416 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=417 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=418 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=419 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=420 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=421 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=422 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=423 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*

```

0x03,
0x5a, 0x80, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS424_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS425_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0x90, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS425_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS426_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xa0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS426_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS427_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xb0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS427_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS428_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xc0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS428_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS429_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xd0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS429_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS430_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xe0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS430_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS431_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5a, 0xf0, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS431_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS432_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5b, 0x00, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=424 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=425 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=426 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=427 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=428 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=429 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=430 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=431 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=432 N(R)=0 A=1 RR \*/

```
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS432_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS433_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS433_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS434_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS434_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS435_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS435_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS436_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS436_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS437_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS437_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS438_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS438_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS439_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS439_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS440_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS440_NR0_A1_S3, 11)
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=433 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=434 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=435 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=436 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=437 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=438 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=439 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=440 N(R)=0 A=1 RR \*/*

```
FIELD(LLIND_D3_NS441_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS441_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS442_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS442_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS443_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS443_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS444_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS444_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS445_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS445_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS446_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS446_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS447_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5b, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS447_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS448_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5c, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS448_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS449_NR0_A1_S3)
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=441 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=442 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=443 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=444 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=445 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=446 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=447 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=448 N(R)=0 A=1 RR \*/*

```
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x10, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS449_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS450_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x20, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS450_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS451_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x30, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS451_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS452_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x40, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS452_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS453_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x50, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS453_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS454_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x60, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS454_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS455_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x70, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS455_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS456_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
0x5c, 0x80, 0x00,
0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS456_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS457_NR0_A1_S3)
0x18, 0x00, 0x20, 0x00,
0x03,
```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=449 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=450 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=451 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=452 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=453 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=454 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=455 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=456 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*

```

        0x5c, 0x90, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS457_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS458_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xa0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS458_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS459_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xb0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS459_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS460_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xc0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS460_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS461_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xd0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS461_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS462_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xe0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS462_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS463_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5c, 0xf0, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS463_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS464_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5d, 0x00, 0x00,
        0x42, 0x43, 0x44
    ENDFIELD(LLIND_D3_NS464_NR0_A1_S3, 11)

    FIELD(LLIND_D3_NS465_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5d, 0x10, 0x00,
        0x42, 0x43, 0x44

```

/\* I frame: N(S)=457 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=458 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=459 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=460 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=461 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=462 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=463 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=464 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=465 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS465\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS466\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x20, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=466 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS466\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS467\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x30, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=467 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS467\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS468\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x40, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=468 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS468\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS469\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x50, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=469 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS469\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS470\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x60, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=470 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS470\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS471\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x70, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=471 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS471\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS472\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x80, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=472 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS472\_NR0\_A1\_S3, 11)

FIELD(LLIND\_D3\_NS473\_NR0\_A1\_S3)

0x18, 0x00, 0x20, 0x00,  
0x03,  
0x5d, 0x90, 0x00,  
0x42, 0x43, 0x44

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
/\* I frame: N(S)=473 N(R)=0 A=1 RR \*/

ENDFIELD(LLIND\_D3\_NS473\_NR0\_A1\_S3, 11)

```

FIELD(LLIND_D3_NS474_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS474_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=474 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS475_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS475_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=475 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS476_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS476_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=476 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS477_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS477_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=477 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS478_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS478_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=478 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS479_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5d, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS479_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=479 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS480_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS480_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=480 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS481_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS481_NR0_A1_S3, 11)

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=481 N(R)=0 A=1 RR */

FIELD(LLIND_D3_NS482_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,

```



```

        0x03,
        0x5e, 0x20, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS482_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS483_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS483_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS484_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS484_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS485_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS485_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS486_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS486_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS487_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS487_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS488_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS488_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS489_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS489_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS490_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xa0, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=482 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=483 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=484 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=485 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=486 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=487 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=488 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=489 N(R)=0 A=1 RR \*/

/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/  
 /\* PD = 0, C/R = 0, SAPI = 1245056 \*/  
 /\* I frame: N(S)=490 N(R)=0 A=1 RR \*/

```

        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS490_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS491_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xb0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS491_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS492_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xc0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS492_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS493_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xd0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS493_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS494_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xe0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS494_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS495_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5e, 0xf0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS495_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS496_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x00, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS496_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS497_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x10, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS497_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS498_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x20, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS498_NR0_A1_S3, 11)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=491 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=492 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=493 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=494 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=495 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=496 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=497 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=498 N(R)=0 A=1 RR \*/*

```

FIELD(LLIND_D3_NS499_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x30, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS499_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS500_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x40, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS500_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS501_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x50, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS501_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS502_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x60, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS502_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS503_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x70, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS503_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS504_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x80, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS504_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS505_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0x90, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS505_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS506_NR0_A1_S3)
    0x18, 0x00, 0x20, 0x00,
    0x03,
    0x5f, 0xa0, 0x00,
    0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS506_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS507_NR0_A1_S3)

```

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=499 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=500 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=501 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=502 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=503 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=504 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=505 N(R)=0 A=1 RR \*/*

*/\* sdu.l\_buf = 24, sdu.o\_buf = 32 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 1245056 \*/*  
*/\* I frame: N(S)=506 N(R)=0 A=1 RR \*/*

```

        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5f, 0xb0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS507_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS508_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5f, 0xc0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS508_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS509_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5f, 0xd0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS509_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS510_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5f, 0xe0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS510_NR0_A1_S3, 11)

FIELD(LLIND_D3_NS511_NR0_A1_S3)
        0x18, 0x00, 0x20, 0x00,
        0x03,
        0x5f, 0xf0, 0x00,
        0x42, 0x43, 0x44
ENDFIELD(LLIND_D3_NS511_NR0_A1_S3, 11)

```

/\*

**2.2.2.2.1 N(U) 0**

\*/

```

FIELD(LLIND_SDU100_SAPI1)
        0x20, 0x03,
        0x18, 0x00,
        0x01,
        0xC0, 0x00,
        0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
        0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
        0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
        0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
        0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
        0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
        0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI1, 107)

FIELD(LLIND_SDU100_SAPI3)
        0x20, 0x03,
        0x18, 0x00,
        0x03,
        0xC0, 0x00,

```

```

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=507 N(R)=0 A=1 RR */

```

```

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=508 N(R)=0 A=1 RR */

```

```

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=509 N(R)=0 A=1 RR */

```

```

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=510 N(R)=0 A=1 RR */

```

```

/* sdu.l_buf = 24, sdu.o_buf = 32 */
/* PD = 0, C/R = 0, SAPI = 1245056 */
/* I frame: N(S)=511 N(R)=0 A=1 RR */

```

```

/* sdu.l_buf = 800 */
/* sdu.o_buf = 24 */
/* reserved */
/* reserved */

```

```

/* sdu.l_buf = 800 */
/* sdu.o_buf = 24 */
/* reserved */
/* reserved */

```

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI3, 107)

```

```

FIELD(LLIND_SDU100_SAPI5)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x05, /* reserved */
    0xC0, 0x00, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI5, 107)

```

```

FIELD(LLIND_SDU100_SAPI7)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x07, /* reserved */
    0xC0, 0x00, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI7, 107)

```

```

FIELD(LLIND_SDU100_SAPI9)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x09, /* reserved */
    0xC0, 0x00, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI9, 107)

```

```

FIELD(LLIND_SDU100_SAPI11)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x0B, /* reserved */
    0xC0, 0x00, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_SAPI11, 107)
/*

```

## 2.2.2.2.2 N(U) 1

```

*/
FIELD(LLIND_SDU100_NU1_SAPI1)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x01, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI1, 107)

```

```

FIELD(LLIND_SDU100_NU1_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x03, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI3, 107)

```

```

FIELD(LLIND_SDU100_NU1_SAPI5)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x05, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI5, 107)

```

```

FIELD(LLIND_SDU100_NU1_SAPI7)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x07, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

```

```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI7, 107)

```

```

FIELD(LLIND_SDU100_NU1_SAPI9)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x09, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI9, 107)

```

```

FIELD(LLIND_SDU100_NU1_SAPI11)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x0B, /* reserved */
    0xC0, 0x04, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU1_SAPI11, 107)

```

```
/*
```

### 2.2.2.2.3 N(U) 2

```
*/
```

```

FIELD(LLIND_SDU100_NU2_SAPI1)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x01, /* reserved */
    0xC0, 0x08, /* reserved */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU2_SAPI1, 107)

```

```

FIELD(LLIND_SDU100_NU2_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x03, /* reserved */
    0xC0, 0x08, /* reserved */

```

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU2_SAPI3, 107)

```

```

FIELD(LLIND_SDUI00_NU2_SAPI5)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x05, /* reserved */
0xC0, 0x08, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU2_SAPI5, 107)

```

```

FIELD(LLIND_SDUI00_NU2_SAPI7)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x07, /* reserved */
0xC0, 0x08, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU2_SAPI7, 107)

```

```

FIELD(LLIND_SDUI00_NU2_SAPI9)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x09, /* reserved */
0xC0, 0x08, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU2_SAPI9, 107)

```

```

FIELD(LLIND_SDUI00_NU2_SAPI11)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x0B, /* reserved */
0xC0, 0x08, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```



```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLIND_SDU100_NU2_SAPI11, 107)
```

```
/*
```

#### 2.2.2.2.4 N(U) 3

```
*/
```

```
FIELD(LLIND_SDU100_NU3_SAPI1)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x01, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLIND_SDU100_NU3_SAPI1, 107)
```

```
FIELD(LLIND_SDU100_NU3_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x03, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLIND_SDU100_NU3_SAPI3, 107)
```

```
FIELD(LLIND_SDU100_NU3_SAPI5)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x05, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLIND_SDU100_NU3_SAPI5, 107)
```

```
FIELD(LLIND_SDU100_NU3_SAPI7)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x07, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

```

```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU3_SAPI7, 107)

```

```

FIELD(LLIND_SDU100_NU3_SAPI9)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x09, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU3_SAPI9, 107)

```

```

FIELD(LLIND_SDU100_NU3_SAPI11)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x0B, /* reserved */
0xC0, 0x0C, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64 /* reserved */
ENDFIELD(LLIND_SDU100_NU3_SAPI11, 107)

```

```
/*
```

#### 2.2.2.2.5 N(U) 4

```
*/
```

```

FIELD(LLIND_SDU100_NU4_SAPI1)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x01, /* reserved */
0xC0, 0x10, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU4_SAPI1, 107)

```

```

FIELD(LLIND_SDU100_NU4_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x03, /* reserved */
0xC0, 0x10, /* reserved */

```

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU4_SAPI3, 107)

```

```

FIELD(LLIND_SDUI00_NU4_SAPI5)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x05, /* reserved */
0xC0, 0x10, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU4_SAPI5, 107)

```

```

FIELD(LLIND_SDUI00_NU4_SAPI7)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x07, /* reserved */
0xC0, 0x10, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU4_SAPI7, 107)

```

```

FIELD(LLIND_SDUI00_NU4_SAPI9)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x09, /* reserved */
0xC0, 0x10, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDUI00_NU4_SAPI9, 107)

```

```

FIELD(LLIND_SDUI00_NU4_SAPI11)
0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x0B, /* reserved */
0xC0, 0x10, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLIND_SDU100_NU4_SAPI11, 107)
/*

```

#### 2.2.2.2.6 Reversed content, N(U) 1

```

/*
FIELD(LLIND_SDU100A_SAPI1)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x01, /* reserved */
    0xC0, 0x04, /* reserved */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01
ENDFIELD(LLIND_SDU100A_SAPI1, 107)

```

```

FIELD(LLIND_SDU100A_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x03, /* reserved */
    0xC0, 0x04, /* reserved */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01
ENDFIELD(LLIND_SDU100A_SAPI3, 107)

```

```

FIELD(LLIND_SDU100A_SAPI5)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x05, /* reserved */
    0xC0, 0x04, /* reserved */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01

```

```

ENDFIELD(LLIND_SDU100A_SAPI5, 107)

```

```

FIELD(LLIND_SDU100A_SAPI7)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x18, 0x00, /* sdu.o_buf = 24 */
    0x07, /* reserved */
    0xC0, 0x04, /* reserved */

```

```

0x64, 0x63, 0x62, 0x61,
0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01
ENDFIELD(LLIND_SDU100A_SAPI7, 107)

```

```
FIELD(LLIND_SDU100A_SAPI9)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x09, /* reserved */
0xC0, 0x04, /* reserved */
0x64, 0x63, 0x62, 0x61,
0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01

```

```
ENDFIELD(LLIND_SDU100A_SAPI9, 107)
```

```
FIELD(LLIND_SDU100A_SAPI11)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x0B, /* reserved */
0xC0, 0x04, /* reserved */
0x64, 0x63, 0x62, 0x61,
0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01

```

```
ENDFIELD(LLIND_SDU100A_SAPI11, 107)
```

```
/*
```

### 2.2.2.3 LL-IND Primitives, large

```
/*
```

```
FIELD(LLIND_SDU1000_SAPI1)
```

```

0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x01, /* reserved */
0xC0, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

```

[illegible]

ENDFIELD(LLIND\_SDU1000\_SAPI1, 1007)

FIELD(LLIND\_SDU1000\_SAPI3)

```

0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x03, /* reserved */
0xC0, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLIND\_SDU1000\_SAPI3, 1007)

FIELD(LLIND\_SDU1000\_SAPI5)

```

0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x05, /* reserved */
0xC0, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

```



[illegible]

```
ENDFIELD(LLIND_SDU1000_SAPI5, 1007)
```

FIELD(LLIND SDU1000 SAPI7)

```
0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x07, /* reserved */
0xC0, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
```

[illegible]

0x61, 0x62, 0x63, 0x64

ENDFIELD(LLIND\_SDU1000\_SAPI7, 1007)

FIELD(LLIND\_SDU1000\_SAPI9)

```
0x40, 0x1F, /* sdu.l_buf = 8000 */
0x18, 0x00, /* sdu.o_buf = 24 */
0x09, /* reserved */
0xC0, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
```



```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLIND_SDU1000_SAPI11, 1007)
```

```
/*
```

#### 2.2.2.4 LL-DATA-IND Primitives, 4 Byte Offset, small

```
*/
```

```
FIELD(LLDATAIND_SDU100_N0_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x00, 0x00, /* reserved */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

```

```

        0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N0_SAPI3, 108)

FIELD(LLDATAIND_SDUI00_N1_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x00, /* reserved, but with SAPI 3 */
    0x10, 0x00, /* reserved, but with N(S) = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N1_SAPI3, 108)

FIELD(LLDATAIND_SDUI00_N2_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x00, /* reserved, but with SAPI 3 */
    0x20, 0x00, /* reserved, but with N(S) = 2 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N2_SAPI3, 108)

FIELD(LLDATAIND_SDUI00_N3_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x00, /* reserved, but with SAPI 3 */
    0x30, 0x00, /* reserved, but with N(S) = 3 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N3_SAPI3, 108)

FIELD(LLDATAIND_SDUI00_N4_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x00, /* reserved, but with SAPI 3 */
    0x40, 0x00, /* reserved, but with N(S) = 4 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N4_SAPI3, 108)

```

FIELD(LLDATAIND\_SDUI00\_N4A1\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 and A = 1 */
0x40, 0x00, /* reserved, but with N(S) = 4 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDUI00\_N4A1\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N5\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x50, 0x00, /* reserved, but with N(S) = 5 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDUI00\_N5\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N6\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x60, 0x00, /* reserved, but with N(S) = 6 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDUI00\_N6\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N7\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x70, 0x00, /* reserved, but with N(S) = 7 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDUI00\_N7\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N8\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x80, 0x00, /* reserved, but with N(S) = 8 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDU100\_N8\_SAPI3, 108)

FIELD(LLDATAIND\_SDU100\_N9\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0x90, 0x00, /* reserved, but with N(S) = 9 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDU100\_N9\_SAPI3, 108)

FIELD(LLDATAIND\_SDU100\_N10\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0xA0, 0x00, /* reserved, but with N(S) = 10 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDU100\_N10\_SAPI3, 108)

FIELD(LLDATAIND\_SDU100\_N11\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0xB0, 0x00, /* reserved, but with N(S) = 11 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

ENDFIELD(LLDATAIND\_SDU100\_N11\_SAPI3, 108)

FIELD(LLDATAIND\_SDU100\_N12\_SAPI3)

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */

```



```

0x03, 0x00, /* reserved, but with SAPI 3 */
0xC0, 0x00, /* reserved, but with N(S) = 12 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N12_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDU100_N13_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0xD0, 0x00, /* reserved, but with N(S) = 13 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N13_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDU100_N14_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0xE0, 0x00, /* reserved, but with N(S) = 14 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N14_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDU100_N15_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x00, /* reserved, but with SAPI 3 */
0xF0, 0x00, /* reserved, but with N(S) = 15 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N15_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDU100_N15A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 and A=1 */
0xF0, 0x00, /* reserved, but with N(S) = 15 */

```

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLDATAIND_SDUI00_N15A1_SAPI3, 108)
```

```
FIELD(LLDATAIND_SDUI00_N0A1_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x00, 0x00, /* reserved, but with N(S) = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLDATAIND_SDUI00_N0A1_SAPI3, 108)
```

```
FIELD(LLDATAIND_SDUI00_N1A1_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x10, 0x00, /* reserved, but with N(S) = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLDATAIND_SDUI00_N1A1_SAPI3, 108)
```

```
FIELD(LLDATAIND_SDUI00_N2A1_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x20, 0x00, /* reserved, but with N(S) = 2 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64

```

```
ENDFIELD(LLDATAIND_SDUI00_N2A1_SAPI3, 108)
```

```
FIELD(LLDATAIND_SDUI00_N3A1_SAPI3)
```

```

0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x30, 0x00, /* reserved, but with N(S) = 3 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

```

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N3A1_SAPI3, 108)

FIELD(LLDATAIND_SDU100_N5A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x50, 0x00, /* reserved, but with N(S) = 5 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N5A1_SAPI3, 108)

FIELD(LLDATAIND_SDU100_N6A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x60, 0x00, /* reserved, but with N(S) = 6 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N6A1_SAPI3, 108)

FIELD(LLDATAIND_SDU100_N7A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x70, 0x00, /* reserved, but with N(S) = 7 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDU100_N7A1_SAPI3, 108)

FIELD(LLDATAIND_SDU100_N8A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x80, 0x00, /* reserved, but with N(S) = 8 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N8A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDUI00_N9A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0x90, 0x00, /* reserved, but with N(S) = 9 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N9A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDUI00_N10A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0xA0, 0x00, /* reserved, but with N(S) = 10 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N10A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDUI00_N11A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0xB0, 0x00, /* reserved, but with N(S) = 11 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64
ENDFIELD(LLDATAIND_SDUI00_N11A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDUI00_N12A1_SAPI3)
0x20, 0x03, /* sdu.l_buf = 800 */
0x20, 0x00, /* sdu.o_buf = 32 */
0x03, 0x40, /* reserved, but with SAPI 3 */
0xC0, 0x00, /* reserved, but with N(S) = 12 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

```

0x61, 0x62, 0x63, 0x64  
 ENDFIELD(LLDATAIND\_SDUI00\_N12A1\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N13A1\_SAPI3)  
 0x20, 0x03, /\* sdu.l\_buf = 800 \*/  
 0x20, 0x00, /\* sdu.o\_buf = 32 \*/  
 0x03, 0x40, /\* reserved, but with SAPI 3 \*/  
 0xD0, 0x00, /\* reserved, but with N(S) = 13 \*/  
 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
 0x61, 0x62, 0x63, 0x64  
 ENDFIELD(LLDATAIND\_SDUI00\_N13A1\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N14A1\_SAPI3)  
 0x20, 0x03, /\* sdu.l\_buf = 800 \*/  
 0x20, 0x00, /\* sdu.o\_buf = 32 \*/  
 0x03, 0x40, /\* reserved, but with SAPI 3 \*/  
 0xE0, 0x00, /\* reserved, but with N(S) = 14 \*/  
 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
 0x61, 0x62, 0x63, 0x64  
 ENDFIELD(LLDATAIND\_SDUI00\_N14A1\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N16A1\_SAPI3)  
 0x20, 0x03, /\* sdu.l\_buf = 800 \*/  
 0x20, 0x00, /\* sdu.o\_buf = 32 \*/  
 0x03, 0x41, /\* reserved, but with SAPI 3, N(S) = 16 \*/  
 0x00, 0x00, /\* reserved, but with N(S) = 16 \*/  
 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
 0x61, 0x62, 0x63, 0x64  
 ENDFIELD(LLDATAIND\_SDUI00\_N16A1\_SAPI3, 108)

FIELD(LLDATAIND\_SDUI00\_N17A1\_SAPI3)  
 0x20, 0x03, /\* sdu.l\_buf = 800 \*/  
 0x20, 0x00, /\* sdu.o\_buf = 32 \*/  
 0x03, 0x41, /\* reserved, but with SAPI 3, N(S) = 17 \*/  
 0x10, 0x00, /\* reserved, but with N(S) = 17 \*/  
 0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
 0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
 0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
 0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
 0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
 0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
 0x61, 0x62, 0x63, 0x64  
 ENDFIELD(LLDATAIND\_SDUI00\_N17A1\_SAPI3, 108)

```

FIELD(LLDATAIND_SDUI00_N18A1_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x41, /* reserved, but with SAPI 3 */
    0x20, 0x00, /* reserved, but with N(S) = 18 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64

```

```

ENDFIELD(LLDATAIND_SDUI00_N18A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_SDUI00_N19A1_SAPI3)
    0x20, 0x03, /* sdu.l_buf = 800 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x41, /* reserved, but with SAPI 3 */
    0x30, 0x00, /* reserved, but with N(S) = 19 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64

```

```

ENDFIELD(LLDATAIND_SDUI00_N19A1_SAPI3, 108)

```

```

FIELD(LLDATAIND_1OCT_N0A1_SAPI3)
    0x08, 0x00, /* sdu.l_buf = 1*8 */
    0x20, 0x00, /* sdu.o_buf = 32 */
    0x03, 0x40, /* reserved, but with SAPI 3 */
    0x00, 0x00, /* reserved, but with N(S) = 0 */
    0x01

```

```

ENDFIELD(LLDATAIND_1OCT_N0A1_SAPI3, 9)

```

```

/*

```

### 2.2.3 GRR SDU Fields / Descriptor Lists

```

*/

```

```

/*

```

#### 2.2.3.1 GRR-IND Data Primitives

```

*/

```

```

FIELD(GRRIND_NS0_NR0_A1_SDUI1_SAPI3)
    0x40, 0x00, /* sdu.l_buf = 8*8 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
    0x01,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

```

ENDFIELD(GRRIND_NS0_NR0_A1_SDUI1_SAPI3, 12)

```

```

FIELD(GRRIND_NS0_NR0_SDUI00_SAPI3)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */

```

```

0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS0_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS1_NR0_SDU100_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x10, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS1_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS2_NR0_SDU100_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x20, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS2_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS3_NR0_SDU100_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x30, 0x00, /* Control field (I frame): N(S) = 3, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS3_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS4_NR0_SDU100_SAPI3)

```

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x40, 0x00, /* Control field (I frame): N(S) = 4, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS4_NR0_SDU100_SAPI3, 111)

```

```

FIELD(GRRIND_NS4_NR0_SDU100_A1_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x40, 0x00, /* Control field (I frame): N(S) = 4, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS4_NR0_SDU100_A1_SAPI3, 111)

```

```

FIELD(GRRIND_NS4_NR2_SDU100_A1_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x40, 0x08, /* Control field (I frame): N(S) = 4, N(R)=8, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS4_NR2_SDU100_A1_SAPI3, 111)

```

```

FIELD(GRRIND_NS5_NR0_SDU100_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x50, 0x00, /* Control field (I frame): N(S) = 5, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS5_NR0_SDU100_SAPI3, 111)

```



```

FIELD(GRRIND_NS6_NR0_SDU100_SAPI3)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x00, 0x60, 0x00, /* Control field (I frame): N(S) = 6, N(R)=0, A=0, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS6_NR0_SDU100_SAPI3, 111)

```

```

FIELD(GRRIND_NS7_NR0_SDU100_SAPI3)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x00, 0x70, 0x00, /* Control field (I frame): N(S) = 7, N(R)=0, A=0, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS7_NR0_SDU100_SAPI3, 111)

```

```

FIELD(GRRIND_NS8_NR0_SDU100_SAPI3)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x00, 0x80, 0x00, /* Control field (I frame): N(S) = 8, N(R)=0, A=0, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS8_NR0_SDU100_SAPI3, 111)

```

```

FIELD(GRRIND_NS9_NR0_SDU100_SAPI3)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x00, 0x90, 0x00, /* Control field (I frame): N(S) = 9, N(R)=0, A=0, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,

```

```

0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS9_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS10_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0xA0, 0x00,                                /* Control field (I frame): N(S) = 10, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS10_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS11_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0xB0, 0x00,                                /* Control field (I frame): N(S) = 11, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS11_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS12_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0xC0, 0x00,                                /* Control field (I frame): N(S) = 12, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS12_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS13_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0xD0, 0x00,                                /* Control field (I frame): N(S) = 13, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

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0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS13_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS14_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0xE0, 0x00,                                /* Control field (I frame): N(S) = 14, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS14_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS15_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xF0, 0x00,                                /* Control field (I frame): N(S) = 15, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS15_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS16_NR0_SDU100_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x01, 0x00, 0x00,                                /* Control field (I frame): N(S) = 16, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS16_NR0_SDU100_SAPI3, 111)

FIELD(GRRIND_NS0_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

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0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS0_NR0_SAPI5, 111)

FIELD(GRRIND_NS1_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x01, 0x00,                                /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS1_NR0_SAPI5, 111)

FIELD(GRRIND_NS2_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x02, 0x00,                                /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS2_NR0_SAPI5, 111)

FIELD(GRRIND_NS3_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x03, 0x00,                                /* Control field (I frame): N(S) = 3, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS3_NR0_SAPI5, 111)

FIELD(GRRIND_NS4_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x04, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

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0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS4_NR0_SAPI5, 111)

FIELD(GRRIND_NS5_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x05, 0x00,                                /* Control field (I frame): N(S) = 5, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS5_NR0_SAPI5, 111)

FIELD(GRRIND_NS6_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x06, 0x00,                                /* Control field (I frame): N(S) = 6, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS6_NR0_SAPI5, 111)

FIELD(GRRIND_NS7_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x07, 0x00,                                /* Control field (I frame): N(S) = 7, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS7_NR0_SAPI5, 111)

FIELD(GRRIND_NS8_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */

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0x00, 0x80, 0x00, /* Control field (I frame): N(S) = 8, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS8_NR0_SAPI5, 111)

FIELD(GRRIND_NS0_NR0_SAPI9)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS0_NR0_SAPI9, 111)

FIELD(GRRIND_NS1_NR0_SAPI9)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x01, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS1_NR0_SAPI9, 111)

FIELD(GRRIND_NS2_NR0_SAPI9)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x02, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS2_NR0_SAPI9, 111)

FIELD(GRRIND_NS3_NR0_SAPI9)
0x58, 0x03, /* sdu.l_buf = 856 */

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```

0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x40, 0x03, 0x00, /* Control field (I frame): N(S) = 3, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS3_NR0_SAPI9, 111)

FIELD(GRRIND_NS4_NR0_SAPI9)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x40, 0x00, /* Control field (I frame): N(S) = 4, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS4_NR0_SAPI9, 111)

FIELD(GRRIND_NS0_NR0_SAPI11)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x00, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS0_NR0_SAPI11, 111)

FIELD(GRRIND_NS1_NR0_SAPI11)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x40, 0x01, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS1_NR0_SAPI11, 111)

```

FIELD(GRRIND\_NS2\_NR0\_SAPI11)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x00, 0x20, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS2\_NR0\_SAPI11, 111)

FIELD(GRRIND\_NS0\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf=107*8= 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS0\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS1\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x10, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS1\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS2\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x20, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```



ENDFIELD(GRRIND\_NS2\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS3\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x30, 0x00, /* Control field (I frame): N(S) = 3, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS3\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS5\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x50, 0x00, /* Control field (I frame): N(S) = 5, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS5\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS6\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x60, 0x00, /* Control field (I frame): N(S) = 6, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_NS6\_NR0\_SDU100\_A1\_SAPI3, 111)

FIELD(GRRIND\_NS7\_NR0\_SDU100\_A1\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x70, 0x00, /* Control field (I frame): N(S) = 7, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

```

```

        0x61, 0x62, 0x63, 0x64,
        0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS7_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS8_NR0_SDU100_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x80, 0x00,                                    /* Control field (I frame): N(S) = 8, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS8_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS9_NR0_SDU100_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x90, 0x00,                                    /* Control field (I frame): N(S) = 9, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS9_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS10_NR0_SDU100_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0xA0, 0x00,                                    /* Control field (I frame): N(S) = 10, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS10_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS11_NR0_SDU100_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0xB0, 0x00,                                    /* Control field (I frame): N(S) = 11, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

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0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS11_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS12_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xC0, 0x00,                                /* Control field (I frame): N(S) = 12, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS12_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS13_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xD0, 0x00,                                /* Control field (I frame): N(S) = 13, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS13_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS14_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xE0, 0x00,                                /* Control field (I frame): N(S) = 14, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS14_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS15_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xF0, 0x00,                                /* Control field (I frame): N(S) = 15, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

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0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS15_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS16_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x00, 0x00,                                /* Control field (I frame): N(S) = 16, N(R)=0, A=1, RR*/
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F,
0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS16_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS17_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x10, 0x00,                                /* Control field (I frame): N(S) = 17, N(R)=0, A=1, RR*/
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F,
0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS17_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS18_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x20, 0x00,                                /* Control field (I frame): N(S) = 18, N(R)=0, A=1, RR*/
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F,
0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS18_NR0_SDU100_A1_SAPI3, 111)

FIELD(GRRIND_NS19_NR0_SDU100_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */

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```

0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x30, 0x00, /* Control field (I frame): N(S) = 19, N(R)=0, A=1, RR*/
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F,
0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS19_NRO_SDU100_A1_SAPI3, 111)

```

```

FIELD(GRRIND_NS20_NRO_SDU100_A1_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x40, 0x00, /* Control field (I frame): N(S) = 20, N(R)=0, A=1, RR*/
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F,
0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_NS20_NRO_SDU100_A1_SAPI3, 111)

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### 2.2.3.2 GRR-REQ Data Primitives, small

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#### 2.2.3.2.1 N(U) 0

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FIELD(GRRREQ_SDU100_SAPI1)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1, 110)

```

```

FIELD(GRRREQ_SDU100_SAPI3)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */

```

```

0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI3, 110)

FIELD(GRRREQ_SDU100_SAPI3_NU1)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xC0, 0x04, /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI3_NU1, 110)

FIELD(GRRREQ_SDU100_SAPI5)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI5, 110)

FIELD(GRRREQ_SDU100_SAPI7)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x07, /* Address field: PD = 0, C/R = 0, SAPI = 7 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI7, 110)

FIELD(GRRREQ_SDU100_SAPI9)
0x50, 0x03, /* sdu.l_buf = 848 */

```

```

0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI9, 110)

FIELD(GRRREQ_SDU100_SAPI11)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI11, 110)

FIELD(GRRREQ_SDU100_SAPI1_PM)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1_PM, 110)

FIELD(GRRREQ_SDU100_SAPI3_PM)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI3_PM, 110)

```

```

FIELD(GRRREQ_SDU100_SAPI5_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
    0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI5_PM, 110)

FIELD(GRRREQ_SDU100_SAPI7_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x07, /* Address field: PD = 0, C/R = 0, SAPI = 7 */
    0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI7_PM, 110)

FIELD(GRRREQ_SDU100_SAPI9_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
    0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI9_PM, 110)

FIELD(GRRREQ_SDU100_SAPI11_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
    0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```



ENDFIELD(GRRREQ\_SDU100\_SAPI11\_PM, 110)

FIELD(GRRREQ\_SDU0\_SAPI1\_PM0)

48, 0,

/\* sdu.l\_buf = 48 \*/

0, 0,

/\* sdu.o\_buf = 0 \*/

0x01,

/\* Address field: PD = 0, C/R = 0, SAPI = 1 \*/

0xC0, 0x00,

/\* Control field (UI frame): N(U) = 0, E = 0, PM = 0 \*/

0x00, 0x00, 0x00

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRREQ\_SDU0\_SAPI1\_PM0, 10)

/\*

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/\*

FIELD(GRRREQ\_SDU100\_SAPI1\_NU1\_PM)

0x50, 0x03,

/\* sdu.l\_buf = 848 \*/

0x00, 0x00,

/\* sdu.o\_buf = 0 \*/

0x01,

/\* Address field: PD = 0, C/R = 0, SAPI = 1 \*/

0xC0, 0x05,

/\* Control field (UI frame): N(U) = 1, E = 0, PM = 1 \*/

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

0x61, 0x62, 0x63, 0x64,

/\* FCS field: all 0x00 in simulation \*/

0x00, 0x00, 0x00

ENDFIELD(GRRREQ\_SDU100\_SAPI1\_NU1\_PM, 110)

FIELD(GRRREQ\_SDU0\_SAPI1\_NU1\_PM)

48, 0,

/\* sdu.l\_buf = 48 \*/

0, 0,

/\* sdu.o\_buf = 0 \*/

0x01,

/\* Address field: PD = 0, C/R = 0, SAPI = 1 \*/

0xC0, 0x05,

/\* Control field (UI frame): N(U) = 1, E = 0, PM = 1 \*/

0x00, 0x00, 0x00

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRREQ\_SDU0\_SAPI1\_NU1\_PM, 10)

/\*

### 2.2.3.2.3 N(U) 2

/\*

FIELD(GRRREQ\_SDU100\_SAPI1\_NU2\_PM)

0x50, 0x03,

/\* sdu.l\_buf = 848 \*/

0x00, 0x00,

/\* sdu.o\_buf = 0 \*/

0x01,

/\* Address field: PD = 0, C/R = 0, SAPI = 1 \*/

0xC0, 0x09,

/\* Control field (UI frame): N(U) = 2, E = 0, PM = 1 \*/

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

0x61, 0x62, 0x63, 0x64,

/\* FCS field: all 0x00 in simulation \*/

0x00, 0x00, 0x00

ENDFIELD(GRRREQ\_SDU100\_SAPI1\_NU2\_PM, 110)

/\*

### 2.2.3.2.4 N(U) 3

/\*

```

FIELD(GRRREQ_SDU100_SAPI1_NU3_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
    0xC0, 0x0D, /* Control field (UI frame): N(U) = 3, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1_NU3_PM, 110)
/*

```

#### 2.2.3.2.5 N(U) 4

```

/*
FIELD(GRRREQ_SDU100_SAPI1_NU4_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
    0xC0, 0x11, /* Control field (UI frame): N(U) = 4, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1_NU4_PM, 110)
/*

```

#### 2.2.3.2.6 N(U) 5

```

/*
FIELD(GRRREQ_SDU100_SAPI1_NU5_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
    0xC0, 0x15, /* Control field (UI frame): N(U) = 5, E = 0, PM = 1 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1_NU5_PM, 110)
/*

```

#### 2.2.3.2.7 N(U) 6

```

/*
FIELD(GRRREQ_SDU100_SAPI1_NU6_PM)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */

```

```

0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
0xC0, 0x19, /* Control field (UI frame): N(U) = 6, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU100_SAPI1_NU6_PM, 110)
*/

```

### 2.2.3.3 GRR-REQ Data Primitives, large

```

*/
FIELD(GRRREQ_SDU1000_SAPI1)
0x70, 0x1F, /* sdu.l_buf = 8048 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x01, /* Address field: PD = 0, C/R = 0, SAPI = 1 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

```

```

0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00
/* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI1, 1010)

FIELD(GRRREQ_SDU1000_SAPI3)
0x70, 0x1F,
0x00, 0x00,
0x03,
0xC0, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00

```

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRREQ\_SDU1000\_SAPI3, 1010)

FIELD(GRRREQ\_SDU1000\_SAPI5)

```

0x70, 0x1F,
0x00, 0x00,

```

/\* sdu.l\_buf = 8048 \*/

/\* sdu.o\_buf = 0 \*/

```
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */  
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */  
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
0x61, 0x62, 0x63, 0x64,  
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
0x61, 0x62, 0x63, 0x64,  
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
0x61, 0x62, 0x63, 0x64,  
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,  
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,  
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,  
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,  
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,  
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,  
0x61, 0x62, 0x63, 0x64,
```

```

0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                     /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI5, 1010)

FIELD(GRRREQ_SDU1000_SAPI7)
0x70, 0x1F,                                           /* sdu.l_buf = 8048 */
0x00, 0x00,                                           /* sdu.o_buf = 0 */
0x07,                                                 /* Address field: PD = 0, C/R = 0, SAPI = 7 */
0xC0, 0x00,                                           /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

```

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0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
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0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI7, 1010)

FIELD(GRRREQ_SDU1000_SAPI9)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0xC0, 0x00,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```



[illegible]

```
ENDFIELD(GRRREQ_SDU1000_SAPI9, 1010)
```

FIELD(GRRREQ\_SDU1000\_SAPI11)

```
0x70, 0x1F, /* sdu.l_buf = 8048 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
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0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI1_PM, 1010)

FIELD(GRRREQ_SDU1000_SAPI3_PM)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xC0, 0x01,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,

```

[illegible]

```
ENDFIELD(GRRREQ_SDU1000_SAPI3_PM, 1010)
```

FIELD(GRRREQ\_SDU1000\_SAPI5\_PM)

```

0x70, 0x1F, /* sdu.l_buf = 8048 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0xC0, 0x01, /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

```

```

0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI5_PM, 1010)

FIELD(GRRREQ_SDU1000_SAPI7_PM)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x07,                                             /* Address field: PD = 0, C/R = 0, SAPI = 7 */
0xC0, 0x01,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI7_PM, 1010)

FIELD(GRRREQ_SDU1000_SAPI9_PM)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0xC0, 0x01,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

```



[illegible]

```

0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI9_PM, 1010)

FIELD(GRRREQ_SDU1000_SAPI11_PM)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0xC0, 0x01,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 1 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

```

```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRREQ_SDU1000_SAPI11_PM, 1010)

```

/\*

#### 2.2.3.4 GRR-DATA-REQ primitives commands/responses

\*/

```

FIELD(GRR_DATAREQ_1OCT_NS0_NR0_SAPI3)
    0x40, 0x00,                                /* sdu.l_buf = 64 */
    0x00, 0x00,                                /* sdu.o_buf = 0 */
    0x03,                                       /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x00, 0x00,                         /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
    0x01,
    0x00, 0x00, 0x00                          /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_1OCT_NS0_NR0_SAPI3, 12)

FIELD(GRR_DATAREQ_1OCT_NS0_NR1_SAPI3)
    0x40, 0x00,                                /* sdu.l_buf = 64 */
    0x00, 0x00,                                /* sdu.o_buf = 0 */
    0x03,                                       /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x00, 0x04,                         /* Control field (I frame): N(S) = 0, N(R)=1, A=1, RR */
    0x01,
    0x00, 0x00, 0x00                          /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_1OCT_NS0_NR1_SAPI3, 12)

FIELD(GRR_DATAREQ_NS0_NR0_SAPI3)
    0x58, 0x03,                                /* sdu.l_buf = 856 */
    0x00, 0x00,                                /* sdu.o_buf = 0 */
    0x03,                                       /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x00, 0x00,                         /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                          /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRR\_DATAREQ\_NS0\_NR0\_SAPI3, 111)

FIELD(GRR\_DATAREQ\_NS0\_NR2\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x00, 0x08, /* Control field (I frame): N(S) = 0, N(R)=2, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRR\_DATAREQ\_NS0\_NR2\_SAPI3, 111)

FIELD(GRR\_DATAREQ\_NS0\_NR0\_A0\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRR\_DATAREQ\_NS0\_NR0\_A0\_SAPI3, 111)

FIELD(GRR\_DATAREQ\_NS1\_NR0\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x10, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRR\_DATAREQ\_NS1\_NR0\_SAPI3, 111)

FIELD(GRR\_DATAREQ\_NS1\_NR2\_SAPI3)

```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x10, 0x08, /* Control field (I frame): N(S) = 1, N(R)=2, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

```

```

        0x61, 0x62, 0x63, 0x64,
        0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR2_SAPI3, 111)

FIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x20, 0x00,                                    /* Control field (I frame): N(S) = 2, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI3, 111)

FIELD(GRR_DATAREQ_NS2_NR2_A1_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x20, 0x08,                                    /* Control field (I frame): N(S) = 2, N(R)=2, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR2_A1_SAPI3, 111)

FIELD(GRR_DATAREQ_NS3_NR0_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x30, 0x00,                                    /* Control field (I frame): N(S) = 3, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS3_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS3_NR5_SAPI3)
    0x58, 0x03,                                          /* sdu.l_buf = 856 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                /* Address field: PD = 0, C/R = 0, SAPI = 3 */
    0x40, 0x30, 0x14,                                    /* Control field (I frame): N(S) = 3, N(R)=5, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS3_NR5_SAPI3, 111)

FIELD(GRR_DATAREQ_NS4_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x40, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS4_NR5_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x40, 0x14,                                /* Control field (I frame): N(S) = 4, N(R)=5, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR5_SAPI3, 111)

FIELD(GRR_DATAREQ_NS4_NR0_A0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x40, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR0_A0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS5_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x50, 0x00,                                /* Control field (I frame): N(S) = 5, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

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0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS5_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS6_NR0_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x60, 0x00,                                /* Control field (I frame): N(S) = 6, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS6_NR0_A1_SAPI3, 111)

FIELD(GRR_DATAREQ_NS7_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x70, 0x00,                                /* Control field (I frame): N(S) = 7, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS7_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS8_NR0_A1_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x80, 0x00,                                /* Control field (I frame): N(S) = 8, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS8_NR0_A1_SAPI3, 111)

FIELD(GRR_DATAREQ_NS8_NR0_A0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x00, 0x80, 0x00,                                /* Control field (I frame): N(S) = 8, N(R)=0, A=1, RR */

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0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS8_NR0_A0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS9_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x90, 0x00,                                /* Control field (I frame): N(S) = 9, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS9_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS10_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xA0, 0x00,                                /* Control field (I frame): N(S) = 10, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS10_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS11_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xB0, 0x00,                                /* Control field (I frame): N(S) = 11, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS11_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS12_NR0_SAPI3)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */

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0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xC0, 0x00, /* Control field (I frame): N(S) = 12, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS12_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS13_NR0_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xD0, 0x00, /* Control field (I frame): N(S) = 13, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS13_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS14_NR0_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xE0, 0x00, /* Control field (I frame): N(S) = 14, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS14_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS15_NR0_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0xF0, 0x00, /* Control field (I frame): N(S) = 15, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS15_NR0_SAPI3, 111)

FIELD(GRR_DATAREQ_NS16_NR0_A0_SAPI3)

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```

0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x01, 0x00, 0x00, /* Control field (I frame): N(S) = 16, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS16_NR0_A0_SAPI3, 111)

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```

FIELD(GRR_DATAREQ_NS16_NR0_A1_SAPI3)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x41, 0x00, 0x00, /* Control field (I frame): N(S) = 16, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS16_NR0_A1_SAPI3, 111)

```

```

FIELD(GRR_DATAREQ_NS0_NR0_SAPI5)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_SAPI5, 111)

```

```

FIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI5)
0x58, 0x03, /* sdu.l_buf = 856 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x00, 0x00, /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI5, 111)

```

```

FIELD(GRR_DATAREQ_NS1_NR0_SAPI5)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
    0x40, 0x10, 0x00, /* Control field (I frame): N(S) = 1, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR0_SAPI5, 111)

```

```

FIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI5)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
    0x40, 0x20, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI5, 111)

```

```

FIELD(GRR_DATAREQ_NS2_NR0_A0_SAPI5)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
    0x00, 0x20, 0x00, /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A0_SAPI5, 111)

```

```

FIELD(GRR_DATAREQ_NS3_NR0_SAPI5)
    0x58, 0x03, /* sdu.l_buf = 856 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
    0x40, 0x30, 0x00, /* Control field (I frame): N(S) = 3, N(R)=0, A=1, RR */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,

```

```

0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS3_NR0_SAPI5, 111)

FIELD(GRR_DATAREQ_NS4_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x40, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR0_SAPI5, 111)

FIELD(GRR_DATAREQ_NS5_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x50, 0x00,                                /* Control field (I frame): N(S) = 5, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS5_NR0_SAPI5, 111)

FIELD(GRR_DATAREQ_NS6_NR0_A0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x00, 0x60, 0x00,                                /* Control field (I frame): N(S) = 6, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS6_NR0_A0_SAPI5, 111)

FIELD(GRR_DATAREQ_NS6_NR0_A1_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x60, 0x00,                                /* Control field (I frame): N(S) = 6, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

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0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS6_NR0_A1_SAPI5, 111)

FIELD(GRR_DATAREQ_NS7_NR0_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x70, 0x00,                                /* Control field (I frame): N(S) = 7, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS7_NR0_SAPI5, 111)

FIELD(GRR_DATAREQ_NS8_NR0_A1_SAPI5)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x40, 0x80, 0x00,                                /* Control field (I frame): N(S) = 8, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS8_NR0_A1_SAPI5, 111)

FIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS0_NR0_500_SAPI9)
0xD8, 0x0F,                                       /* sdu.l_buf = 4056 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

```

```

0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00

```

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRR\_DATAREQ\_NS0\_NR0\_500\_SAPI9, 511)

FIELD(GRR\_DATAREQ\_NS0\_NR0\_A1\_500\_SAPI9)

```

0xD8, 0x0F,
0x00, 0x00,
0x09,
0x40, 0x00, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

/\* sdu.l\_buf = 4056 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/

/\* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR \*/

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_A1_500_SAPI9, 511)

FIELD(GRR_DATAREQ_NS0_NR0_A1_500_SAPI3)
0xD8, 0x0F,                                       /* sdu.l_buf = 4056 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

```

```

0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_A1_500_SAPI3, 511)

FIELD(GRR_DATAREQ_NS1_NR0_A1_500_SAPI9)
0xD8, 0x0F,                                       /* sdu.l_buf = 4056 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x40, 0x10, 0x00,                                /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR0_A1_500_SAPI9, 511)

FIELD(GRR_DATAREQ_NS1_NR0_A1_500_SAPI3)
0xD8, 0x0F,                                       /* sdu.l_buf = 4056 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x40, 0x10, 0x00,                                /* Control field (I frame): N(S) = 1, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

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0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00
/* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A1_500_SAPI9, 511)

FIELD(GRR_DATAREQ_NS0_NR0_SAPI9)
0x58, 0x03,
0x00, 0x00,
0x09,
0x40, 0x00, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00
/* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS1_NR0_SAPI9)
0x58, 0x03,
0x00, 0x00,
0x09,
0x40, 0x10, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00
/* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS1_NR0_A0_SAPI9)
0x58, 0x03,
0x00, 0x00,
0x09,
0x00, 0x10, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,

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0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR0_A0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS2_NR0_A0_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x20, 0x00,                                /* Control field (I frame): N(S) = 2, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x40, 0x20, 0x00,                                /* Control field (I frame): N(S) = 2, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI9, 111)

FIELD(GRR_DATAREQ_NS3_NR0_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x40, 0x30, 0x00,                                /* Control field (I frame): N(S) = 3, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS3_NR0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS4_NR0_A0_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x00, 0x40, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

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0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR0_A0_SAPI9, 111)

FIELD(GRR_DATAREQ_NS4_NR0_A1_SAPI9)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0x40, 0x40, 0x00,                                /* Control field (I frame): N(S) = 4, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS4_NR0_A1_SAPI9, 111)

FIELD(GRR_DATAREQ_NS0_NR0_SAPI11)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x40, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_SAPI11, 111)

FIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI11)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x00, 0x00, 0x00,                                /* Control field (I frame): N(S) = 0, N(R)=0, A=0, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS0_NR0_A0_SAPI11, 111)

FIELD(GRR_DATAREQ_NS1_NR0_SAPI11)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x40, 0x10, 0x00,                                /* Control field (I frame): N(S) = 1, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

```

```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS1_NR0_SAPI11, 111)

FIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI11)
0x58, 0x03,                                       /* sdu.l_buf = 856 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0x40, 0x20, 0x00,                                /* Control field (I frame): N(S) = 2, N(R)=0, A=1, RR */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRR_DATAREQ_NS2_NR0_A1_SAPI11, 111)

/*

```

### 2.2.3.5 GRR-IND ACK commands/responses

```

/*
FIELD(GRRIND_ACK_NR9_SAPI3)
0x30, 0x00,                                       /* sdu.l_buf = 48 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x25,                                       /* N(R)=9, S1=0, S2=1, A=0 */
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_ACK_NR9_SAPI3, 10)

FIELD(GRRIND_ACK_NR2_SAPI3)
0x30, 0x00,                                       /* sdu.l_buf = 48 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x09,                                       /* N(R)=2, S1=0, S2=1, A=0 */
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_ACK_NR2_SAPI3, 10)

FIELD(GRRIND_ACK_NR19_SAPI3)
0x30, 0x00,                                       /* sdu.l_buf = 48 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x4D,                                       /* N(R)=19, S1=0, S2=1, A=0 */
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_ACK_NR19_SAPI3, 10)

FIELD(GRRIND_ACK_NR2_SAPI5)
0x30, 0x00,                                       /* sdu.l_buf = 48 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0x80, 0x09,                                       /* N(R)=2, S1=0, S2=1, A=0 */
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_ACK\_NR2\_SAPI5, 10)

FIELD(GRRIND\_ACK\_NR3\_SAPI5)

0x30, 0x00,

0x00, 0x00,

0x05,

0x80, 0x0D,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/

/\* N(R)=3, S1=0, S2=1, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_ACK\_NR3\_SAPI5, 10)

FIELD(GRRIND\_ACK\_NR4\_SAPI5)

0x30, 0x00,

0x00, 0x00,

0x05,

0x80, 0x11,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/

/\* N(R)=4, S1=0, S2=1, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_ACK\_NR4\_SAPI5, 10)

FIELD(GRRIND\_ACK\_NR1\_SAPI9)

0x30, 0x00,

0x00, 0x00,

0x09,

0x80, 0x05,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/

/\* N(R)=1, S1=0, S2=1, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_ACK\_NR1\_SAPI9, 10)

FIELD(GRRIND\_ACK\_NR1\_SAPI11)

0x30, 0x00,

0x00, 0x00,

0x0B,

0x80, 0x05,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/

/\* N(R)=1, S1=0, S2=1, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_ACK\_NR1\_SAPI11, 10)

/\*

### 2.2.3.6 GRR-IND RNR commands/responses

\*/

FIELD(GRRIND\_RNR\_NR16\_SAPI3)

0x30, 0x00,

0x00, 0x00,

0x03,

0x80, 0x42,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/

/\* N(R)=16, S1=1, S2=0, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_RNR\_NR16\_SAPI3, 10)

FIELD(GRRIND\_RNR\_NR8\_SAPI5)

0x30, 0x00,

0x00, 0x00,

0x05,

0x80, 0x22,

0x00, 0x00, 0x00

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/

/\* N(R)=8, S1=1, S2=0, A=0 \*/

/\* FCS field: all 0x00 in simulation \*/

ENDFIELD(GRRIND\_RNR\_NR8\_SAPI5, 10)

FIELD(GRRIND\_RNR\_NR4\_SAPI9)

0x30, 0x00,

0x00, 0x00,

0x09,

/\* sdu.l\_buf = 48 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/

```

        0x80, 0x12,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RNR_NR4_SAPI9, 10)

FIELD(GRRIND_RNR_NR2_SAPI11)
    0x30, 0x00,
    0x00, 0x00,
    0x0B,
    0x80, 0x0A,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RNR_NR2_SAPI11, 10)

FIELD(GRRIND_RNR_NR0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x02,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RNR_NR0_SAPI3, 10)

/*

2.2.3.7 GRR-IND SACK commands/responses
*/
FIELD(GRRIND_SACK_NR18_R2_SAPI3)
    0x38, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x4B,
    0x40,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_SACK_NR18_R2_SAPI3, 11)

FIELD(GRRIND_SACK_NR2_R1_SAPI3)
    0x38, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x0B,
    0x40,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_SACK_NR2_R1_SAPI3, 11)

FIELD(GRRIND_SACK_R8_SAPI3)
    0x40, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x03,
    0xFE,
    0xFF,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_SACK_R8_SAPI3, 12)

FIELD(GRRIND_SACK_R4_R8_SAPI3)
    0x40, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x03,
    0xEE,

```

/\*N(R)=4, S1=1, S2=0, A=0\*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\*N(R)=2, S1=1, S2=0, A=0\*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\*N(R)=0, S1=1, S2=0, A=0\*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 56 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=1, S2=1, A=0 \*/  
/\* R(1)=0, R(2)=1, other 0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 56 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=1, S2=1, A=0 \*/  
/\* R(1)=0, R(2)=1, other 0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 64 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=0, S1=1, S2=1, A=0 \*/  
/\* R(8)=0 \*/  
/\* rest of the bits are all 1 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 64 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=0, S1=1, S2=1, A=0 \*/  
/\* R(4)=0, R(8)=0 \*/

```

        0xFE,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R4_R8_SAPI3, 12)

    FIELD(GRRIND_SACK_R6_SAPI5)
        0x38, 0x00,
        0x00, 0x00,
        0x05,
        0x80, 0x03,
        0xFB,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R6_SAPI5, 11)

    FIELD(GRRIND_SACK_R2_R6_SAPI5)
        0x38, 0x00,
        0x00, 0x00,
        0x05,
        0x80, 0x03,
        0xBA,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R2_R6_SAPI5, 11)

    FIELD(GRRIND_SACK_R2_SAPI9)
        0x38, 0x00,
        0x00, 0x00,
        0x09,
        0x80, 0x03,
        0xB0,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R2_SAPI9, 11)

    FIELD(GRRIND_SACK_R1_R2_SAPI9)
        0x38, 0x00,
        0x00, 0x00,
        0x09,
        0x80, 0x03,
        0x20,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R1_R2_SAPI9, 11)

    FIELD(GRRIND_SACK_R1_SAPI11)
        0x38, 0x00,
        0x00, 0x00,
        0x0B,
        0x80, 0x03,
        0x40,
        0x00, 0x00, 0x00
    ENDFIELD(GRRIND_SACK_R1_SAPI11, 11)

/*
2.2.3.8 GRR-IND RR commands/responses
*/
    FIELD(GRRIND_RR_NR2_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x08,

```

```

/* rest of the bits except R(16) are all 1 */
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 56 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* N(R)=0, S1=1, S2=1, A=0 */
/* R(6)=0, rest is all 1s */
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 56 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* N(R)=0, S1=1, S2=1, A=0 */
/* R(2)=0, R(6)=0, rest is all 1s except R(8) */
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 56 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=0, S1=1, S2=1, A=0 */
/* R(2)=0, rest is all 1s */
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 56 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=0, S1=1, S2=1, A=0 */
/* R(1)=0, R(2)=0, R(3)=1, other 0 */
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 56 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* N(R)=0, S1=1, S2=1, A=0 */
/* R(2)=0, rest all 1s */
/* FCS field: all 0x00 in simulation */

```

```

/*

```

### 2.2.3.8 GRR-IND RR commands/responses

```

/*

```

```

    FIELD(GRRIND_RR_NR2_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x08,

```

```

/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* N(R)=2, S1=0, S2=0, A=0 */

```



```

        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR2_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR5_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR5_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR16_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR16_SAPI3, 10)

FIELD(GRRIND_RR_NR16_A1_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0xA0, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR16_A1_SAPI3, 10)

FIELD(GRRIND_RR_NR2_A0_SAPI5)
    0x30, 0x00,
    0x00, 0x00,
    0x05,
    0x80, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR2_A0_SAPI5, 10)

FIELD(GRRIND_RR_NR8_SAPI5)
    0x30, 0x00,
    0x00, 0x00,
    0x05,
    0x80, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR8_SAPI5, 10)

FIELD(GRRIND_RR_NR8_A1_SAPI5)
    0x30, 0x00,
    0x00, 0x00,
    0x05,
    0xA0, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR8_A1_SAPI5, 10)

FIELD(GRRIND_RR_NR1_A0_SAPI9)
    0x30, 0x00,
    0x00, 0x00,
    0x09,
    0x80, 0x04,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR1_A0_SAPI9, 10)

```

/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=5, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=16, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=16, S1=0, S2=0, A=1 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/  
/\* N(R)=2, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/  
/\* N(R)=8, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/  
/\* N(R)=8, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/  
/\* N(R)=1, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

```

FIELD(GRRIND_RR_NR2_A0_SAPI9)
    0x30, 0x00,
    0x00, 0x00,
    0x09,
    0x80, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR2_A0_SAPI9, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=2, S1=0, S2=0, A=0 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR3_A0_SAPI9)
    0x30, 0x00,
    0x00, 0x00,
    0x09,
    0x80, 0x0C,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR3_A0_SAPI9, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=3, S1=0, S2=0, A=0 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR4_SAPI9)
    0x30, 0x00,
    0x00, 0x00,
    0x09,
    0x80, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR4_SAPI9, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=4, S1=0, S2=0, A=0 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR4_A1_SAPI9)
    0x30, 0x00,
    0x00, 0x00,
    0x09,
    0xA0, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR4_A1_SAPI9, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* N(R)=4, S1=0, S2=0, A=1 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR2_SAPI11)
    0x30, 0x00,
    0x00, 0x00,
    0x0B,
    0x80, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR2_SAPI11, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* N(R)=2, S1=0, S2=0, A=0 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR2_A1_SAPI11)
    0x30, 0x00,
    0x00, 0x00,
    0x0B,
    0xA0, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR2_A1_SAPI11, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* N(R)=2, S1=0, S2=0, A=1 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR0_A1_SAPI11)
    0x30, 0x00,
    0x00, 0x00,
    0x0B,
    0xA0, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR0_A1_SAPI11, 10)
/* sdu.l_buf = 48 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* N(R)=0, S1=0, S2=0, A=1 */
/* FCS field: all 0x00 in simulation */

FIELD(GRRIND_RR_NR0_A0_SAPI3)

```

```

        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR0_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR1_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x04,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR1_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR1_A1_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0xA0, 0x04,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR1_A1_SAPI3, 10)

FIELD(GRRIND_RR_NR3_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x0C,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR3_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR4_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x10,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR4_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR6_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x18,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR6_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR7_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,
        0x03,
        0x80, 0x1C,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR7_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR8_A0_SAPI3)
        0x30, 0x00,
        0x00, 0x00,

```

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=0, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=1, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=1, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* N(R)=2, S1=0, S2=0, A=0 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 48 \*/  
/\* sdu.o\_buf = 0 \*/

```

        0x03,
        0x80, 0x20,
        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR8_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR9_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR9_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR10_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR10_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR11_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR11_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR12_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR12_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR13_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x34,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR13_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR14_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x38,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR14_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR15_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x3C,

```

*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 48 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3\*/*  
*/\* N(R)=2, S1=0, S2=0, A=0\*/*  
*/\* FCS field: all 0x00 in simulation \*/*

```

        0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR15_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR16_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR16_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR17_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x44,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR17_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR18_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x48,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR18_A0_SAPI3, 10)

FIELD(GRRIND_RR_NR21_A0_SAPI3)
    0x30, 0x00,
    0x00, 0x00,
    0x03,
    0x80, 0x54,
    0x00, 0x00, 0x00
ENDFIELD(GRRIND_RR_NR21_A0_SAPI3, 10)

/*

2.2.3.9 GRR-IND Data Primitives, small
*/
/*

2.2.3.9.1 N(U) 0
*/
FIELD(GRRIND_DESCLIST100_SAPI1)
    0x50, 0x03,
    0x00, 0x00,
    0x01,
    0xC0, 0x00,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00
/* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_DESCLIST100\_SAPI1, 110)

FIELD(GRRIND\_DESCLIST100\_SAPI3)

```

0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_DESCLIST100\_SAPI3, 110)

FIELD(GRRIND\_DESCLIST100\_SAPI5)

```

0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 1, SAPI = 5 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_DESCLIST100\_SAPI5, 110)

FIELD(GRRIND\_DESCLIST100\_SAPI7)

```

0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x07, /* Address field: PD = 0, C/R = 1, SAPI = 7 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(GRRIND\_DESCLIST100\_SAPI7, 110)

FIELD(GRRIND\_DESCLIST100\_SAPI9)

```

0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,

```

```

        0x61, 0x62, 0x63, 0x64,
        0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_SAPI9, 110)

FIELD(GRRIND_DESCLIST100_SAPI11)
    0x50, 0x03,                                          /* sdu.l_buf = 848 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x0B,                                                 /* Address field: PD = 0, C/R = 1, SAPI = 11 */
    0xC0, 0x00,                                          /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_SAPI11, 110)
/*

```

### 2.2.3.9.2 N(U) 1

```

/*
FIELD(GRRIND_DESCLIST100_NU1_SAPI1)
    0x50, 0x03,                                          /* sdu.l_buf = 848 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x01,                                                 /* Address field: PD = 0, C/R = 1, SAPI = 1 */
    0xC0, 0x04,                                          /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI1, 110)

FIELD(GRRIND_DESCLIST100_NU1_SAPI3)
    0x50, 0x03,                                          /* sdu.l_buf = 848 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x03,                                                 /* Address field: PD = 0, C/R = 1, SAPI = 3 */
    0xC0, 0x04,                                          /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI3, 110)

FIELD(GRRIND_DESCLIST100_NU1_SAPI5)
    0x50, 0x03,                                          /* sdu.l_buf = 848 */
    0x00, 0x00,                                          /* sdu.o_buf = 0 */
    0x05,                                                 /* Address field: PD = 0, C/R = 1, SAPI = 5 */
    0xC0, 0x04,                                          /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,

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```

0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI5, 110)

FIELD(GRRIND_DESCLIST100_NU1_SAPI7)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x07,                                             /* Address field: PD = 0, C/R = 1, SAPI = 7 */
0xC0, 0x04,                                       /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI7, 110)

FIELD(GRRIND_DESCLIST100_NU1_SAPI9)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x04,                                       /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI9, 110)

FIELD(GRRIND_DESCLIST100_NU1_SAPI11)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xC0, 0x04,                                       /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU1_SAPI11, 110)
/*

```

### 2.2.3.9.3 N(U) 2

```

/*

```

```

FIELD(GRRIND_DESCLIST100_NU2_SAPI3)

```



```

0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xC0, 0x08, /* Control field (UI frame): N(U) = 2, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU2_SAPI3, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU2_SAPI5)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 1, SAPI = 5 */
0xC0, 0x08, /* Control field (UI frame): N(U) = 2, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU2_SAPI5, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU2_SAPI7)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x07, /* Address field: PD = 0, C/R = 1, SAPI = 7 */
0xC0, 0x08, /* Control field (UI frame): N(U) = 2, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU2_SAPI7, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU2_SAPI9)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x08, /* Control field (UI frame): N(U) = 2, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU2_SAPI9, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU2_SAPI11)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x0B, /* Address field: PD = 0, C/R = 1, SAPI = 11 */
    0xC0, 0x08, /* Control field (UI frame): N(U) = 2, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU2_SAPI11, 110)
/*

```

#### 2.2.3.9.4 N(U) 3

```

/*
FIELD(GRRIND_DESCLIST100_NU3_SAPI3)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
    0xC0, 0x0C, /* Control field (UI frame): N(U) = 3, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU3_SAPI3, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU3_SAPI5)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 1, SAPI = 5 */
    0xC0, 0x0C, /* Control field (UI frame): N(U) = 3, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
    0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
    0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
    0x61, 0x62, 0x63, 0x64,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU3_SAPI5, 110)

```

```

FIELD(GRRIND_DESCLIST100_NU3_SAPI7)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x07, /* Address field: PD = 0, C/R = 1, SAPI = 7 */
    0xC0, 0x0C, /* Control field (UI frame): N(U) = 3, E = 0, PM = 0 */
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
    0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
    0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
    0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

```

```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU3_SAPI7, 110)

FIELD(GRRIND_DESCLIST100_NU3_SAPI9)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x0C,                                       /* Control field (UI frame): N(U) = 3, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU3_SAPI9, 110)

FIELD(GRRIND_DESCLIST100_NU3_SAPI11)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xC0, 0x0C,                                       /* Control field (UI frame): N(U) = 3, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU3_SAPI11, 110)
/*

```

#### 2.2.3.9.5 N(U) 4

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*/

```

```

FIELD(GRRIND_DESCLIST100_NU4_SAPI3)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x03,                                             /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xC0, 0x10,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU4_SAPI3, 110)

FIELD(GRRIND_DESCLIST100_NU4_SAPI5)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x05,                                             /* Address field: PD = 0, C/R = 1, SAPI = 5 */

```

```

0xC0, 0x10, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU4_SAPI5, 110)

FIELD(GRRIND_DESCLIST100_NU4_SAPI7)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x07, /* Address field: PD = 0, C/R = 1, SAPI = 7 */
0xC0, 0x10, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU4_SAPI7, 110)

FIELD(GRRIND_DESCLIST100_NU4_SAPI9)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x10, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU4_SAPI9, 110)

FIELD(GRRIND_DESCLIST100_NU4_SAPI11)
0x50, 0x03, /* sdu.l_buf = 848 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xC0, 0x10, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100_NU4_SAPI11, 110)
/*

```

**2.2.3.9.6 Reversed content, N(U) 1**

\*/

```

FIELD(GRRIND_DESCLIST100A_NU1_SAPI1)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x01, /* Address field: PD = 0, C/R = 1, SAPI = 1 */
    0xC0, 0x04, /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI1, 110)

```

```

FIELD(GRRIND_DESCLIST100A_NU1_SAPI3)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x03, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
    0xC0, 0x04, /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI3, 110)

```

```

FIELD(GRRIND_DESCLIST100A_NU1_SAPI5)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x05, /* Address field: PD = 0, C/R = 1, SAPI = 5 */
    0xC0, 0x04, /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
    0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI5, 110)

```

```

FIELD(GRRIND_DESCLIST100A_NU1_SAPI7)
    0x50, 0x03, /* sdu.l_buf = 848 */
    0x00, 0x00, /* sdu.o_buf = 0 */
    0x07, /* Address field: PD = 0, C/R = 1, SAPI = 7 */
    0xC0, 0x04, /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
    0x64, 0x63, 0x62, 0x61,
    0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
    0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
    0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
    0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
    0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,

```

```

0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI7, 110)

FIELD(GRRIND_DESCLIST100A_NU1_SAPI9)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x09,                                             /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x04,                                       /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x64, 0x63, 0x62, 0x61,
0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI9, 110)

FIELD(GRRIND_DESCLIST100A_NU1_SAPI11)
0x50, 0x03,                                       /* sdu.l_buf = 848 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xC0, 0x04,                                       /* Control field (UI frame): N(U) = 1, E = 0, PM = 0 */
0x64, 0x63, 0x62, 0x61,
0x60, 0x5F, 0x5E, 0x5D, 0x5C, 0x5B, 0x5A, 0x59, 0x58, 0x57, 0x56, 0x55, 0x54, 0x53, 0x52, 0x51,
0x50, 0x4F, 0x4E, 0x4D, 0x4C, 0x4B, 0x4A, 0x49, 0x48, 0x47, 0x46, 0x45, 0x44, 0x43, 0x42, 0x41,
0x40, 0x3F, 0x3E, 0x3D, 0x3C, 0x3B, 0x3A, 0x39, 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31,
0x30, 0x2F, 0x2E, 0x2D, 0x2C, 0x2B, 0x2A, 0x29, 0x28, 0x27, 0x26, 0x25, 0x24, 0x23, 0x22, 0x21,
0x20, 0x1F, 0x1E, 0x1D, 0x1C, 0x1B, 0x1A, 0x19, 0x18, 0x17, 0x16, 0x15, 0x14, 0x13, 0x12, 0x11,
0x10, 0x0F, 0x0E, 0x0D, 0x0C, 0x0B, 0x0A, 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST100A_NU1_SAPI11, 110)
/*

```

### 2.2.3.10 GRR-IND Data Primitives, large

```

/*
FIELD(GRRIND_DESCLIST1000_SAPI1)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x01,                                             /* Address field: PD = 0, C/R = 1, SAPI = 1 */
0xC0, 0x00,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,

```

[illegible]

```
ENDFIELD(GRRIND_DESCLIST1000_SAPI1, 1010)
```

FIELD(GRRIND\_DESCLIST1000\_SAPI3)

```
0x70, 0x1F, /* sdu.l_buf = 8048 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
```





```

0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00
ENDFIELD(GRRIND_DESCLIST1000_SAPI5, 1010)

FIELD(GRRIND_DESCLIST1000_SAPI7)
0x70, 0x1F,
0x00, 0x00,
0x07,
0xC0, 0x00,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,

```

/\* FCS field: all 0x00 in simulation \*/

[illegible]

ENDFIELD(GRRIND DESCLIST1000 SAPI7,1010)

FIELD(GRRIND\_DESCLIST1000\_SAPI9)

```

0x70, 0x1F, /* sdu.l_buf = 8048 */
0x00, 0x00, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xC0, 0x00, /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,

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0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00                                /* FCS field: all 0x00 in simulation */
ENDFIELD(GRRIND_DESCLIST1000_SAPI9, 1010)

FIELD(GRRIND_DESCLIST1000_SAPI11)
0x70, 0x1F,                                       /* sdu.l_buf = 8048 */
0x00, 0x00,                                       /* sdu.o_buf = 0 */
0x0B,                                             /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xC0, 0x00,                                       /* Control field (UI frame): N(U) = 0, E = 0, PM = 0 */
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,

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```

0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x0A, 0x0B, 0x0C, 0x0D, 0x0E, 0x0F, 0x10,
0x11, 0x12, 0x13, 0x14, 0x15, 0x16, 0x17, 0x18, 0x19, 0x1A, 0x1B, 0x1C, 0x1D, 0x1E, 0x1F, 0x20,
0x21, 0x22, 0x23, 0x24, 0x25, 0x26, 0x27, 0x28, 0x29, 0x2A, 0x2B, 0x2C, 0x2D, 0x2E, 0x2F, 0x30,
0x31, 0x32, 0x33, 0x34, 0x35, 0x36, 0x37, 0x38, 0x39, 0x3A, 0x3B, 0x3C, 0x3D, 0x3E, 0x3F, 0x40,
0x41, 0x42, 0x43, 0x44, 0x45, 0x46, 0x47, 0x48, 0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50,
0x51, 0x52, 0x53, 0x54, 0x55, 0x56, 0x57, 0x58, 0x59, 0x5A, 0x5B, 0x5C, 0x5D, 0x5E, 0x5F, 0x60,
0x61, 0x62, 0x63, 0x64,
0x00, 0x00, 0x00

```

```
/* FCS field: all 0x00 in simulation */
```

```
ENDFIELD(GRRIND_DESCLIST1000_SAPI11, 1010)
```

```
/*
```

### 2.2.3.11 MS Signalling Primitives (U frames)

```
*/
```

```
/*
```

#### 2.2.3.11.1 SABM command

```
*/
```

```
FIELD(MS_SABM_NOXID_SAPI3)
```

```
40, 0,
```

```
0, 0,
```

```
0x03,
```

```
0xF7,
```

```
0x00, 0x00, 0x00
```

```
ENDFIELD(MS_SABM_NOXID_SAPI3, 9)
```

```
/* sdu.l_buf = 5*8 */
```

```
/* sdu.o_buf = 0 */
```

```
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
```

```
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
```

```
/* FCS field: all 0x00 in simulation */
```

```

FIELD(MS_SABM_NOXID_SAPI5)
    40, 0,
    0, 0,
    0x05,
    0xF7,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_NOXID_SAPI5, 9)

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_NOXID_SAPI9)
    40, 0,
    0, 0,
    0x09,
    0xF7,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_NOXID_SAPI9, 9)

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_NOXID_SAPI11)
    40, 0,
    0, 0,
    0x0B,
    0xF7,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_NOXID_SAPI11, 9)

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_EMPTY_L3_XID_SAPI3)
    56, 0,
    0, 0,
    0x03,
    0xF7,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_EMPTY_L3_XID_SAPI3, 11)

/* sdu.l_buf = 7*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_N201I_520_SAPI3)
    80, 0,
    0, 0,
    0x03,
    0xF7,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_SAPI3, 14)

/* sdu.l_buf = 10*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* N201-I = 520 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_N201I_520_T200_200_SAPI3)
    104, 0,
    0, 0,
    0x03,
    0xF7,
    0x0E, 0x00, 0xC8,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_T200_200_SAPI3, 17)

/* sdu.l_buf = 13*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): P = 1, Mx = 0111 (SABM) */
/* T200 = 200 */
/* N201-I = 520 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

FIELD(MS_SABM_N201I_520_MD0_MU0_SAPI3)
    128, 0,
    0, 0,
    0x03,

```

```

        0xF7,
        0x1A, 0x02, 0x08,
        0x1E, 0x00, 0x00,
        0x22, 0x00, 0x00,
        0xAC, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_MD0_MU0_SAPI3, 20)

FIELD(MS_SABM_N201I_520_SAPI5)
    80, 0,
    0, 0,
    0x05,
    0xF7,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_SAPI5, 14)

FIELD(MS_SABM_N201I_520_SAPI11)
    80, 0,
    0, 0,
    0x0B,
    0xF7,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_SAPI11, 14)

FIELD(MS_SABM_NOL3_N201I_520_SAPI3)
    64, 0,
    0, 0,
    0x03,
    0xF7,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_NOL3_N201I_520_SAPI3, 12)

FIELD(MS_SABM_NOL3_N201I_520_SAPI9)
    64, 0,
    0, 0,
    0x09,
    0xF7,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_NOL3_N201I_520_SAPI9, 12)

FIELD(MS_SABM_N201I_520_SAPI9)
    80, 0,
    0, 0,
    0x09,
    0xF7,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_SABM_N201I_520_SAPI9, 14)

FIELD(MS_SABM_EMPTY_L3_XID_NU400_SAPI3)

```

*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* mD = 0 \*/*  
*/\* mU = 0 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*



```

80, 0, /* sdu.l_buf = 10*8 */
0, 0, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xF7, /* Control field (U frame): P = 1, Mx = 0111 (SABM) */
0x16, 0x01, 0x90, /* N201-U = 400 */
0xAC, 0x00, /* Empty L3-Para, 2 byte header */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_SABM_EMPTY_L3_XID_NU400_SAPI3, 14)

```

```

FIELD(MS_SABM_EMPTY_L3_XID_SAPI5)
56, 0, /* sdu.l_buf = 7*8 */
0, 0, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0xF7, /* Control field (U frame): P = 1, Mx = 0111 (SABM) */
0xAC, 0x00, /* Empty L3-Para, 2 byte header */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_SABM_EMPTY_L3_XID_SAPI5, 11)

```

```

FIELD(MS_SABM_EMPTY_L3_XID_SAPI9)
56, 0, /* sdu.l_buf = 7*8 */
0, 0, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0xF7, /* Control field (U frame): P = 1, Mx = 0111 (SABM) */
0xAC, 0x00, /* Empty L3-Para, 2 byte header */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_SABM_EMPTY_L3_XID_SAPI9, 11)

```

```

FIELD(MS_SABM_EMPTY_L3_XID_SAPI11)
56, 0, /* sdu.l_buf = 7*8 */
0, 0, /* sdu.o_buf = 0 */
0x0B, /* Address field: PD = 0, C/R = 0, SAPI = 11 */
0xF7, /* Control field (U frame): P = 1, Mx = 0111 (SABM) */
0xAC, 0x00, /* Empty L3-Para, 2 byte header */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_SABM_EMPTY_L3_XID_SAPI11, 11)

```

```

/*

```

#### 2.2.3.11.2 DISC command

```

/*
FIELD(MS_DISC_SAPI3)
40, 0, /* sdu.l_buf = 5*8 */
0, 0, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xF4, /* Control field (U frame): P = 1, Mx = 0100 (DISC) */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_DISC_SAPI3, 9)
/*

```

#### 2.2.3.11.3 UA response

```

/*
FIELD(MS_UA1_NOL3_N201I_520_SAPI9)
64, 0, /* sdu.l_buf = 8*8 */
0, 0, /* sdu.o_buf = 0 */
0x49, /* Address field: PD = 0, C/R = 1, SAPI = 9 */
0xF6, /* Control field (U frame): F = 1, Mx = 0110 (UA) */
0x1A, 0x02, 0x08, /* N201-I = 520 */

```

```

        0x00, 0x00, 0x00
ENDFIELD(MS_UA1_NOL3_N201I_520_SAPI9, 12)

FIELD(MS_UA1_NOXID_SAPI3)
    40, 0,
    0, 0,
    0x43,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_NOXID_SAPI3, 9)

FIELD(MS_UA1_NOXID_SAPI5)
    40, 0,
    0, 0,
    0x45,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_NOXID_SAPI5, 9)

FIELD(MS_UA1_NOXID_SAPI9)
    40, 0,
    0, 0,
    0x49,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_NOXID_SAPI9, 9)

FIELD(MS_UA1_NOXID_SAPI11)
    40, 0,
    0, 0,
    0x4B,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_NOXID_SAPI11, 9)

FIELD(MS_UA1_EMPTY_L3_XID_SAPI3)
    56, 0,
    0, 0,
    0x43,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_EMPTY_L3_XID_SAPI3, 11)

FIELD(MS_UA1_EMPTY_L3_XID_SAPI5)
    56, 0,
    0, 0,
    0x45,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_EMPTY_L3_XID_SAPI5, 11)

FIELD(MS_UA1_EMPTY_L3_XID_SAPI9)
    56, 0,
    0, 0,
    0x49,
    0xF6,

```

/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 7\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 7\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 7\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/

```

        0xAC, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(MS_UA1_EMPTY_L3_XID_SAPI9, 11)

FIELD(MS_UA1_EMPTY_L3_XID_SAPI11)
    56, 0,
    0, 0,
    0x4B,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_EMPTY_L3_XID_SAPI11, 11)
FIELD(MS_UA1_N201U_400_SAPI3)
    80, 0,
    0, 0,
    0x43,
    0xF6,
    0x16, 0x01, 0x90,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_N201U_400_SAPI3, 14)

FIELD(MS_UA1_N201U_300_SAPI5)
    80, 0,
    0, 0,
    0x45,
    0xF6,
    0x16, 0x01, 0x2C,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_N201U_300_SAPI5, 14)

FIELD(MS_UA1_N201U_600_SAPI5)
    80, 0,
    0, 0,
    0x45,
    0xF6,
    0x16, 0x02, 0x58,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_N201U_600_SAPI5, 14)

FIELD(MS_UA1_N201U_300_SAPI9)
    80, 0,
    0, 0,
    0x49,
    0xF6,
    0x16, 0x01, 0x2C,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(MS_UA1_N201U_300_SAPI9, 14)

FIELD(MS_UA1_N201U_400_SAPI11)
    80, 0,
    0, 0,
    0x4B,
    0xF6,

```

/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 7\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* N201-U = 400 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* N201-U = 300 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* N201-U = 600 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* N201-U = 300 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/

```

        0x16, 0x01, 0x90,
        0xAC, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(MS_UA1_N201U_400_SAPI11, 14)
/*

```

```

/* N201-U = 400 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

#### 2.2.3.11.4 DM response

```

*/

```

```

FIELD(MS_DM1_SAPI1)
    40, 0,
    0, 0,
    0x41,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI1, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 1 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(MS_DM1_SAPI3)
    40, 0,
    0, 0,
    0x43,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI3, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 3 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(MS_DM1_SAPI5)
    40, 0,
    0, 0,
    0x45,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI5, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 5 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(MS_DM1_SAPI7)
    40, 0,
    0, 0,
    0x47,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI7, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 7 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(MS_DM1_SAPI9)
    40, 0,
    0, 0,
    0x49,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI9, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(MS_DM1_SAPI11)
    40, 0,
    0, 0,
    0x4B,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(MS_DM1_SAPI11, 9)
/*

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 11 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

**2.2.3.11.5 FRMR response (undefined command control field)**

\*/

```

FIELD(MS_FRMR_UNDEFCTRL0_SAPI1)
    120, 0,
    0, 0,
    0x41,
    0xF8,
    0xF0, 0, 0, 0, 0, 0,
    0x00,
    0x00,
    0x00,
    0x04,
    0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI1, 19)

FIELD(MS_FRMR_UNDEFCTRL0_SAPI3)
    120, 0,
    0, 0,
    0x43,
    0xF8,
    0xF0, 0, 0, 0, 0, 0,
    0x00,
    0x00,
    0x00,
    0x04,
    0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI3, 19)

FIELD(MS_FRMR_UNDEFCTRL0_SAPI5)
    120, 0,
    0, 0,
    0x45,
    0xF8,
    0xF0, 0, 0, 0, 0, 0,
    0x00,
    0x00,
    0x00,
    0x04,
    0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI5, 19)

FIELD(MS_FRMR_UNDEFCTRL0_SAPI7)
    120, 0,
    0, 0,
    0x47,
    0xF8,
    0xF0, 0, 0, 0, 0, 0,
    0x00,
    0x00,
    0x00,
    0x04,
    0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI7, 19)

FIELD(MS_FRMR_UNDEFCTRL0_SAPI9)
    120, 0,
    0, 0,
    0x49,

```

*/\* sdu.l\_buf = 15\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/*  
*/\* Information field: undefined control field \*/*  
*/\* eightbits: X, X, X, X, V(S):4 \*/*  
*/\* eightbits: V(S):5, X, V(R):2 \*/*  
*/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/*  
*/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 15\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/*  
*/\* Information field: undefined control field \*/*  
*/\* eightbits: X, X, X, X, V(S):4 \*/*  
*/\* eightbits: V(S):5, X, V(R):2 \*/*  
*/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/*  
*/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 15\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/*  
*/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/*  
*/\* Information field: undefined control field \*/*  
*/\* eightbits: X, X, X, X, V(S):4 \*/*  
*/\* eightbits: V(S):5, X, V(R):2 \*/*  
*/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/*  
*/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 15\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 7 \*/*  
*/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/*  
*/\* Information field: undefined control field \*/*  
*/\* eightbits: X, X, X, X, V(S):4 \*/*  
*/\* eightbits: V(S):5, X, V(R):2 \*/*  
*/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/*  
*/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 15\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/*

```

0xF8, /* Control field (U frame): F = 1, Mx = 1000 (FRMR) */
0xF0, 0, 0, 0, 0, 0, /* Information field: undefined control field */
0x00, /* eightbits: X, X, X, X, V(S):4 */
0x00, /* eightbits: V(S):5, X, V(R):2 */
0x00, /* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) */
0x04, /* eightbits: X, X, X, X, W4, W3, W2, W1 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI9, 19)

FIELD(MS_FRMR_UNDEFCTRL0_SAPI11)
120, 0, /* sdu.l_buf = 15*8 */
0, 0, /* sdu.o_buf = 0 */
0x4B, /* Address field: PD = 0, C/R = 1, SAPI = 11 */
0xF8, /* Control field (U frame): F = 1, Mx = 1000 (FRMR) */
0xF0, 0, 0, 0, 0, 0, /* Information field: undefined control field */
0x00, /* eightbits: X, X, X, X, V(S):4 */
0x00, /* eightbits: V(S):5, X, V(R):2 */
0x00, /* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) */
0x04, /* eightbits: X, X, X, X, W4, W3, W2, W1 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_FRMR_UNDEFCTRL0_SAPI11, 19)
/*

```

### 2.2.3.11.6 FRMR response (undefined command control field in ABM)

```

/*
FIELD(MS_FRMR_UNDEFCTRL0_REEST_SAPI3)
120, 0, /* sdu.l_buf = 15*8 */
0, 0, /* sdu.o_buf = 0 */
0x43, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xF8, /* Control field (U frame): F = 1, Mx = 1000 (FRMR) */
0xF0, 0, 0, 0, 0, 0, /* Information field: undefined control field */
0x00, /* eightbits: X, X, X, X, V(S):4 */
0x00, /* eightbits: V(S):5, X, V(R):2 */
0x00, /* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) */
0x0C, /* eightbits: X, X, X, X, W4, W3, W2, W1 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_FRMR_UNDEFCTRL0_REEST_SAPI3, 19)
FIELD(MS_FRMR_UNDEFCTRL0_VS1_REEST_SAPI3)
120, 0, /* sdu.l_buf = 15*8 */
0, 0, /* sdu.o_buf = 0 */
0x43, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xF8, /* Control field (U frame): F = 1, Mx = 1000 (FRMR) */
0xF0, 0, 0, 0, 0, 0, /* Information field: undefined control field */
0x00, /* eightbits: X, X, X, X, V(S):4 */
0x08, /* eightbits: V(S):5, X, V(R):2 -> VS=1 -> 0x08 */
0x00, /* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) */
0x0C, /* eightbits: X, X, X, X, W4, W3, W2, W1 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(MS_FRMR_UNDEFCTRL0_VS1_REEST_SAPI3, 19)
/*

```

### 2.2.3.11.7 FRMR response (DM response with information field)

```

/*
FIELD(MS_FRMR_DM1_SAPI3)
120, 0, /* sdu.l_buf = 15*8 */
0, 0, /* sdu.o_buf = 0 */
0x43, /* Address field: PD = 0, C/R = 1, SAPI = 3 */

```

```

0xF8,
0xF1, 0, 0, 0, 0, 0,
0x00,
0x00,
0x01,
0x05,
0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_DM1_SAPI3, 19)

FIELD(MS_FRMR_DM1_SAPI5)
120, 0,
0, 0,
0x45,
0xF8,
0xF1, 0, 0, 0, 0, 0,
0x00,
0x00,
0x01,
0x05,
0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_DM1_SAPI5, 19)

FIELD(MS_FRMR_DM1_SAPI9)
120, 0,
0, 0,
0x49,
0xF8,
0xF1, 0, 0, 0, 0, 0,
0x00,
0x00,
0x01,
0x05,
0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_DM1_SAPI9, 19)

FIELD(MS_FRMR_DM1_SAPI11)
120, 0,
0, 0,
0x4B,
0xF8,
0xF1, 0, 0, 0, 0, 0,
0x00,
0x00,
0x01,
0x05,
0x00, 0x00, 0x00
ENDFIELD(MS_FRMR_DM1_SAPI11, 19)
/*

```

/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/  
/\* Information field: DM response (F bit 1) \*/  
/\* eightbits: X, X, X, X, V(S):4 \*/  
/\* eightbits: V(S):5, X, V(R):2 \*/  
/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/  
/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 15\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/  
/\* Information field: DM response (F bit 1) \*/  
/\* eightbits: X, X, X, X, V(S):4 \*/  
/\* eightbits: V(S):5, X, V(R):2 \*/  
/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/  
/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 15\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/  
/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/  
/\* Information field: DM response (F bit 1) \*/  
/\* eightbits: X, X, X, X, V(S):4 \*/  
/\* eightbits: V(S):5, X, V(R):2 \*/  
/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/  
/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 15\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/  
/\* Control field (U frame): F = 1, Mx = 1000 (FRMR) \*/  
/\* Information field: DM response (F bit 1) \*/  
/\* eightbits: X, X, X, X, V(S):4 \*/  
/\* eightbits: V(S):5, X, V(R):2 \*/  
/\* eightbits: V(R):7, C/R (0 = comm., 1 = resp.) \*/  
/\* eightbits: X, X, X, X, W4, W3, W2, W1 \*/  
/\* FCS field: all 0x00 in simulation \*/

### 2.2.3.12 SGSN Signalling Primitives (U frames)

\*/  
/\*

#### 2.2.3.12.1 SABM command

\*/

```

FIELD(SGSN_SABM_NOXID_SAPI1)
40, 0,

```

/\* sdu.l\_buf = 5\*8 \*/

```

0, 0,
0x41,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI1, 9)

FIELD(SGSN_SABM_NOXID_SAPI3)
40, 0,
0, 0,
0x43,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI3, 9)

FIELD(SGSN_SABM_NOXID_SAPI5)
40, 0,
0, 0,
0x45,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI5, 9)

FIELD(SGSN_SABM_NOXID_SAPI7)
40, 0,
0, 0,
0x47,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI7, 9)

FIELD(SGSN_SABM_NOXID_SAPI9)
40, 0,
0, 0,
0x49,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI9, 9)

FIELD(SGSN_SABM_NOXID_SAPI11)
40, 0,
0, 0,
0x4B,
0xF7,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_NOXID_SAPI11, 9)

FIELD(SGSN_SABM_EMPTY_L3_XID_SAPI3)
56, 0,
0, 0,
0x43,
0xF7,
0xAC, 0x00,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_EMPTY_L3_XID_SAPI3, 11)

FIELD(SGSN_SABM_EMPTY_L3_XID_SAPI5)
56, 0,
0, 0,

```

*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 7 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*



```

0x45,
0xF7,
0xAC, 0x00,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_EMPTY_L3_XID_SAPI5, 11)

FIELD(SGSN_SABM_EMPTY_L3_XID_SAPI9)
56, 0,
0, 0,
0x49,
0xF7,
0xAC, 0x00,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_EMPTY_L3_XID_SAPI9, 11)

FIELD(SGSN_SABM_EMPTY_L3_XID_SAPI11)
56, 0,
0, 0,
0x4B,
0xF7,
0xAC, 0x00,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_EMPTY_L3_XID_SAPI11, 11)
FIELD(SGSN_SABM_N201U_400_SAPI3)
72, 0,
0, 0,
0x43,
0xF7,
0x16, 0x01, 0x90,
0x2C,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_N201U_400_SAPI3, 13)

FIELD(SGSN_SABM_N201U_600_SAPI5)
72, 0,
0, 0,
0x45,
0xF7,
0x16, 0x02, 0x58,
0x2C,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_N201U_600_SAPI5, 13)

FIELD(SGSN_SABM_N201U_300_SAPI9)
72, 0,
0, 0,
0x49,
0xF7,
0x16, 0x01, 0x2C,
0x2C,
0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_N201U_300_SAPI9, 13)

FIELD(SGSN_SABM_L30_N201I_520_XID_SAPI3)
80, 0,
0, 0,
0x43,
0xF7,

```

*/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 9\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-U = 400 \*/*  
*/\* Empty L3-Para \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 9\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-U = 600 \*/*  
*/\* Empty L3-Para \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*  
*/\* N201-U = 300 \*/*  
*/\* Empty L3-Para \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P = 1, Mx = 0111 (SABM) \*/*

```

        0x1A, 0x02, 0x08,
        0xAC, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(SGSN_SABM_L30_N201I_520_XID_SAPI3, 14)

```

```

/* N201-I = 520 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

/*

```

### 2.2.3.12.2 DISC command

```

*/

```

```

FIELD(SGSN_DISC_SAPI3)
    40, 0,
    0, 0,
    0x43,
    0xF4,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DISC_SAPI3, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 3 */
/* Control field (U frame): P = 1, Mx = 0100 (DISC) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_DISC_SAPI5)
    40, 0,
    0, 0,
    0x45,
    0xF4,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DISC_SAPI5, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 5 */
/* Control field (U frame): P = 1, Mx = 0100 (DISC) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_DISC_SAPI9)
    40, 0,
    0, 0,
    0x49,
    0xF4,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DISC_SAPI9, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 9 */
/* Control field (U frame): P = 1, Mx = 0100 (DISC) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_DISC_SAPI11)
    40, 0,
    0, 0,
    0x4B,
    0xF4,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DISC_SAPI11, 9)
/*

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 11 */
/* Control field (U frame): P = 1, Mx = 0100 (DISC) */
/* FCS field: all 0x00 in simulation */

```

### 2.2.3.12.3 Undefined command

```

*/

```

```

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI1)
    40, 0,
    0, 0,
    0x41,
    0xF0,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI1, 9)

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 1 */
/* Control field (U frame): P = 1, Mx = 0000 (undef) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI3)
    40, 0,
    0, 0,
    0x43,

```

```

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 3 */

```

```

        0xF0,
        0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI3, 9)

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI5)
    40, 0,
    0, 0,
    0x45,
    0xF0,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI5, 9)

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI7)
    40, 0,
    0, 0,
    0x47,
    0xF0,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI7, 9)

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI9)
    40, 0,
    0, 0,
    0x49,
    0xF0,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI9, 9)

FIELD(SGSN_UNDEFCOMMCTRL0_SAPI11)
    40, 0,
    0, 0,
    0x4B,
    0xF0,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UNDEFCOMMCTRL0_SAPI11, 9)
/*

```

/\* Control field (U frame): P = 1, Mx = 0000 (undef.) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 5 \*/  
/\* Control field (U frame): P = 1, Mx = 0000 (undef.) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 7 \*/  
/\* Control field (U frame): P = 1, Mx = 0000 (undef.) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/  
/\* Control field (U frame): P = 1, Mx = 0000 (undef.) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/  
/\* Control field (U frame): P = 1, Mx = 0000 (undef.) \*/  
/\* FCS field: all 0x00 in simulation \*/

#### 2.2.3.12.4 UA response

```

/*
FIELD(SGSN_UA1_NOXID_SAPI3)
    40, 0,
    0, 0,
    0x03,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_NOXID_SAPI3, 9)

FIELD(SGSN_UA1_NOXID_SAPI5)
    40, 0,
    0, 0,
    0x05,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_NOXID_SAPI5, 9)

FIELD(SGSN_UA1_NOXID_SAPI9)
    40, 0,
    0, 0,

```

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/  
/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/

```

        0x09,
        0xF6,
        0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_NOXID_SAPI9, 9)

FIELD(SGSN_UA1_NOXID_SAPI11)
    40, 0,
    0, 0,
    0x0B,
    0xF6,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_NOXID_SAPI11, 9)

FIELD(SGSN_UA0_NOXID_SAPI3)
    40, 0,
    0, 0,
    0x03,
    0xE6,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA0_NOXID_SAPI3, 9)

FIELD(SGSN_UA1_EMPTY_L3_XID_SAPI3)
    56, 0,
    0, 0,
    0x03,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_EMPTY_L3_XID_SAPI3, 11)

FIELD(SGSN_UA_T200_200_XID_SAPI3)
    80, 0,
    0, 0,
    0x03,
    0xF6,
    0x0E, 0x00, 0xC8,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA_T200_200_XID_SAPI3, 14)

FIELD(SGSN_UA1_EMPTY_L3_XID_SAPI5)
    56, 0,
    0, 0,
    0x05,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_EMPTY_L3_XID_SAPI5, 11)

FIELD(SGSN_UA1_EMPTY_L3_XID_SAPI9)
    56, 0,
    0, 0,
    0x09,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_EMPTY_L3_XID_SAPI9, 11)

```

*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): F = 0, Mx = 0110 (UA) \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* T200 = 200 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): F = 1, Mx = 0110 (UA) \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

```

FIELD(SGSN_UA1_EMPTY_L3_XID_SAPI11)
    56, 0,
    0, 0,
    0x0B,
    0xF6,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_EMPTY_L3_XID_SAPI11, 11)

```

```

/* sdu.l_buf = 7*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UA1_N201_I520_U400_SAPI9)
    104, 0,
    0, 0,
    0x09,
    0xF6,
    0x16, 0x01, 0x90,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_N201_I520_U400_SAPI9, 17)

```

```

/* sdu.l_buf = 13*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* N201-U = 400 */
/* N201-I = 520 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UA1_N201_I520_KU1_SAPI9)
    96, 0,
    0, 0,
    0x09,
    0xF6,
    0x1A, 0x02, 0x08,
    0x29, 1,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_N201_I520_KU1_SAPI9, 16)

```

```

/* sdu.l_buf = 12*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* N201-I = 520 */
/* kU = 1 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UA1_N201_I520_SAPI3)
    80, 0,
    0, 0,
    0x03,
    0xF6,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_N201_I520_SAPI3, 14)

```

```

/* sdu.l_buf = 10*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* N201-I = 520 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UA1_N201_I520_MD0_MU0_KD4_KU4_SAPI3)
    160, 0,
    0, 0,
    0x03,
    0xF6,
    0x1A, 0x02, 0x08,
    0x1E, 0x00, 0x00,
    0x22, 0x00, 0x00,
    0x25, 4,
    0x29, 4,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_N201_I520_MD0_MU0_KD4_KU4_SAPI3, 24)

```

```

/* sdu.l_buf = 20*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* N201-I = 520 */
/* mD = 0 */
/* mU = 0 */
/* kD = 4 */
/* kU = 4 */
/* Empty L3-Para, 2 byte header */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_UA1_NOL3_N201_I520_SAPI3)
    64, 0,

```

```

/* sdu.l_buf = 8*8 */

```

```

        0, 0,
        0x03,
        0xF6,
        0x1A, 0x02, 0x08,
        0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_NOL3_N201_I520_SAPI3, 12)

/*

```

### 2.2.3.12.5 DM response

```

/*
FIELD(SGSN_DM1_SAPI3)
    40, 0,
    0, 0,
    0x03,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_SAPI3, 9)

FIELD(SGSN_DM1_SAPI5)
    40, 0,
    0, 0,
    0x05,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_SAPI5, 9)

FIELD(SGSN_DM1_SAPI9)
    40, 0,
    0, 0,
    0x09,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_SAPI9, 9)

FIELD(SGSN_DM1_SAPI11)
    40, 0,
    0, 0,
    0x0B,
    0xF1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_SAPI11, 9)

FIELD(SGSN_DM0_SAPI3)
    40, 0,
    0, 0,
    0x03,
    0xE1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM0_SAPI3, 9)

FIELD(SGSN_DM0_SAPI5)
    40, 0,
    0, 0,
    0x05,
    0xE1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM0_SAPI5, 9)

/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0110 (UA) */
/* N201-I = 520 */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): F = 0, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* Control field (U frame): F = 0, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

```

```

FIELD(SGSN_DM0_SAPI9)
    40, 0,
    0, 0,
    0x09,
    0xE1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM0_SAPI9, 9)

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 0, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

FIELD(SGSN_DM0_SAPI11)
    40, 0,
    0, 0,
    0x0B,
    0xE1,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM0_SAPI11, 9)

/* sdu.l_buf = 5*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = B */
/* Control field (U frame): F = 0, Mx = 0001 (DM) */
/* FCS field: all 0x00 in simulation */

FIELD(SGSN_DM1_WITHINFO_SAPI3)
    96, 0,
    0, 0,
    0x03,
    0xF1,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_WITHINFO_SAPI3, 16)

/* sdu.l_buf = 12*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* Information field: not permitted! */
/* FCS field: all 0x00 in simulation */

FIELD(SGSN_DM1_WITHINFO_SAPI5)
    96, 0,
    0, 0,
    0x05,
    0xF1,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_WITHINFO_SAPI5, 16)

/* sdu.l_buf = 12*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 5 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* Information field: not permitted! */
/* FCS field: all 0x00 in simulation */

FIELD(SGSN_DM1_WITHINFO_SAPI9)
    96, 0,
    0, 0,
    0x09,
    0xF1,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_WITHINFO_SAPI9, 16)

/* sdu.l_buf = 12*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 9 */
/* Control field (U frame): F = 1, Mx = 0001 (DM) */
/* Information field: not permitted! */
/* FCS field: all 0x00 in simulation */

FIELD(SGSN_DM1_WITHINFO_SAPI11)
    96, 0,
    0, 0,
    0x0B,
    0xF1,
    0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_DM1_WITHINFO_SAPI11, 16)
/*

```

## 2.2.4 XID Parameter Fields

```

*/
/*
INFO

```

## XID Parameter Fields Naming Convention:

XID[<cr-bit>]\_<field>[\_<field>...\_]\_<sapi>  
 XID[<cr-bit>]\_<description>\_<sapi>

|              |   |   |
|--------------|---|---|
| cr-bit       | 1/0 (command/response bit setting)                          |   |
| field:       | <shortcut2>[<value>]  |   |
| sapi:        | SAPI1..SAPI11   |   |
| description: | describing the XID content (e.g. ALLMAX, ALLMORETHANMAX)    |   |
| shortcut     | 2 characters fixed:   |   |
|              | VE - Version included                                       | Header: 0x01 (XL:1 = 0, Type:5 = 0, Len:2 = 1)  |
|              | IU - IOV-UI included  |   |
|              | II - IOV-I included   |   |
|              | TT - T200 included  | Header: 0x0E (XL:1 = 0, Type:5 = 3, Len:2 = 2)  |
|              | NN - N200 included  | Header: 0x11 (XL:1 = 0, Type:5 = 4, Len:2 = 1)  |
|              | NU - N201-U included  | Header: 0x16 (XL:1 = 0, Type:5 = 5, Len:2 = 2)  |
|              | NI - N201-I included  | Header: 0x1A (XL:1 = 0, Type:5 = 6, Len:2 = 2)  |
|              | MD - mD included  | Header: 0x1E (XL:1 = 0, Type:5 = 7, Len:2 = 2)  |
|              | MU - mU included  | Header: 0x22 (XL:1 = 0, Type:5 = 8, Len:2 = 2)  |
|              | KD - kD included  | Header: 0x25 (XL:1 = 0, Type:5 = 9, Len:2 = 1)  |
|              | KU - kU included  | Header: 0x29 (XL:1 = 0, Type:5 = 10, Len:2 = 1) |
|              | LA - Layer 3 included                                       |   |
|              | RE - Reset included   | Header: 0x30 (XL:1 = 0, Type:5 = 12, Len:2 = 0) |
|              | XA – unknown (reserved) parameter                           | Header: 0x7F (XL:1 = 0, Type:5 = 31, Len:2 = 3) |
| value:       | any number of characters/digits that are informative enough |   |
| */           |   |   |
| /*           |   |   |

## 2.2.4.1 SGSN Commands / MS Responses (C/R bit = 1)

```

*/
FIELD(XID1_VE0_NU200_SAPI1)
    80, 0, /* sdu.l_buf = 10*8 */
    0, 0, /* sdu.o_buf = 0 */
    0x41, /* Address field: PD = 0, C/R = 1, SAPI = 1 */
    0xFB, /* Control field (U frame): P/F = 1, Function = XID */
    0x01, 0, /* Version = 0 */
    0x16, 0, 200, /* N201-U = 200 */
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(XID1_VE0_NU200_SAPI1, 14)

FIELD(XID1_VE0_NU400_SAPI1)
    80, 0, /* sdu.l_buf = 10*8 */
    0, 0, /* sdu.o_buf = 0 */
    0x41, /* Address field: PD = 0, C/R = 1, SAPI = 1 */
    0xFB, /* Control field (U frame): P/F = 1, Function = XID */
    0x01, 0, /* Version = 0 */
    0x16, 0x01, 0x90, /* N201-U = 400 */
    0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */
ENDFIELD(XID1_VE0_NU400_SAPI1, 14)

FIELD(XID1_VE0_NU500_SAPI1)
    80, 0, /* sdu.l_buf = 10*8 */
    0, 0, /* sdu.o_buf = 0 */
    0x41, /* Address field: PD = 0, C/R = 1, SAPI = 1 */
    0xFB, /* Control field (U frame): P/F = 1, Function = XID */
    0x01, 0, /* Version = 0 */
    0x16, 0x01, 0xF4, /* N201-U = 500 */

```



```

        0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU500_SAPI1, 14)

FIELD(XID1_VE0_NU300_SAPI1)
    80, 0,
    0, 0,
    0x41,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU300_SAPI1, 14)

FIELD(XID1_NU300_SAPI1)
    64, 0,
    0, 0,
    0x41,
    0xFB,
    0x16, 0x01, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(XID1_NU300_SAPI1, 12)

FIELD(XID1_VE0_NU400_SAPI3)
    80, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0x90,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU400_SAPI3, 14)

FIELD(XID1_VE0_NU400_L3_SAPI3)
    96, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0x90,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU400_L3_SAPI3, 16)

FIELD(XID1_VE0_NU500_SAPI3)
    80, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0xF4,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU500_SAPI3, 14)

FIELD(XID1_VE0_XA31_NU500_SAPI1)
    112, 0,
    0, 0,
    0x41,
    0xFB,

```

/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* Version = 0 \*/  
/\* N201-U = 300 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 9\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* N201-U = 300 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* Version = 0 \*/  
/\* N201-U = 400 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 12\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* Version = 0 \*/  
/\* N201-U = 400 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 10\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* Version = 0 \*/  
/\* N201-U = 500 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 14\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/

```

        0x01, 0,
        0x7F, 0xAB, 0xCD, 0xEF,
        0x16, 0x01, 0xF4,
        0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_XA31_NU500_SAPI1, 18)

FIELD(XID1_VE0_NU500_NU750_NU1000_SAPI1)
    128, 0,
    0, 0,
    0x41,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0xF4,
    0x16, 0x02, 0xEE,
    0x16, 0x03, 0xE8,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU500_NU750_NU1000_SAPI1, 20)

FIELD(XID1_IOV_UI_SAPI1)
    96, 0,
    0, 0,
    0x41,
    0xFB,
    0x30,
    0x84, 0x10,
    0x65, 0x69, 0xD0, 0x37,
    0xA1, 0x5E, 0xE4
ENDFIELD(XID1_IOV_UI_SAPI1, 20)

FIELD(XID1_VE0_NU500_RE_SAPI1)
    88, 0,
    0, 0,
    0x41,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0xF4,
    0x30,
    0x00, 0x00, 0x00
ENDFIELD(XID1_VE0_NU500_RE_SAPI1, 15)

FIELD(XID1_RE_VE0_NU500_SAPI1)
    88, 0,
    0, 0,
    0x41,
    0xFB,
    0x30,
    0x01, 0,
    0x16, 0x01, 0xF4,
    0x00, 0x00, 0x00
ENDFIELD(XID1_RE_VE0_NU500_SAPI1, 15)

FIELD(XID_RESTART_NEG_SAPI1)
    56, 0,
    0, 0,
    0x41,
    0xFB,
    0x11, 5,
    0x00, 0x00, 0x00

```

*/\* Version = 0 \*/*  
*/\* unknown parameter 31, length = 3 \*/*  
*/\* N201-U = 500 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 16\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Version = 0 \*/*  
*/\* N201-U = 500 \*/*  
*/\* N201-U = 750 \*/*  
*/\* N201-U = 1000 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 12\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* XID Reset \*/*  
*/\* XID IOV-UI \*/*  
*/\* 936405349 \*/*  
*/\* FCS field: real values \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Version = 0 \*/*  
*/\* N201-U = 500 \*/*  
*/\* Reset \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Reset \*/*  
*/\* Version = 0 \*/*  
*/\* N201-U = 500 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N200 = 5 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

ENDFIELD(XID\_RESTART\_NEG\_SAPI1, 11)

FIELD(XID1\_RE\_VE0\_NU500\_SAPI3)

```

88, 0, /* sdu.l_buf = 11*8 */
0, 0, /* sdu.o_buf = 0 */
0x43, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x30, /* Reset */
0x01, 0, /* Version = 0 */
0x16, 0x01, 0xF4, /* N201-U = 500 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(XID1\_RE\_VE0\_NU500\_SAPI3, 15)

FIELD(XID1\_RE\_VE0\_NU400\_SAPI3)

```

88, 0, /* sdu.l_buf = 11*8 */
0, 0, /* sdu.o_buf = 0 */
0x43, /* Address field: PD = 0, C/R = 1, SAPI = 3 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x30, /* Reset */
0x01, 0, /* Version = 0 */
0x16, 0x01, 0x90, /* N201-U = 400 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(XID1\_RE\_VE0\_NU400\_SAPI3, 15)

FIELD(XID1\_SAPI1)

```

40, 0, /* sdu.l_buf = 5*8 */
0, 0, /* sdu.o_buf = 0 */
0x41, /* Address field: PD = 0, C/R = 1, SAPI = 1 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(XID1\_SAPI1, 9)

FIELD(XID\_CMD\_SAPI3)

```

88, 0, /* sdu.l_buf = 11*8 */
0, 0, /* sdu.o_buf = 0 */
0x03, /* Address field: PD = 0, C/R = 0, SAPI = 3 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x16, 0x02, 0x08, /* N201-U = 520 */
0x1A, 0x02, 0x08, /* N201-I = 520 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(XID\_CMD\_SAPI3, 15)

FIELD(XID\_CMD\_SAPI5)

```

88, 0, /* sdu.l_buf = 11*8 */
0, 0, /* sdu.o_buf = 0 */
0x05, /* Address field: PD = 0, C/R = 0, SAPI = 5 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x16, 0x02, 0x08, /* N201-U = 520 */
0x1A, 0x02, 0x08, /* N201-I = 520 */
0x00, 0x00, 0x00 /* FCS field: all 0x00 in simulation */

```

ENDFIELD(XID\_CMD\_SAPI5, 15)

FIELD(XID\_CMD\_SAPI9)

```

88, 0, /* sdu.l_buf = 11*8 */
0, 0, /* sdu.o_buf = 0 */
0x09, /* Address field: PD = 0, C/R = 0, SAPI = 9 */
0xFB, /* Control field (U frame): P/F = 1, Function = XID */
0x16, 0x02, 0x08, /* N201-U = 520 */

```

```

        0x1A, 0x02, 0x08,
        0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI9, 15)

FIELD(XID_CMD_SAPI11)
    88, 0,
    0, 0,
    0x0B,
    0xFB,
    0x16, 0x02, 0x08,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI11, 15)

FIELD(XID_RSP_SAPI3)
    88, 0,
    0, 0,
    0x03,
    0xFB,
    0x16, 0x02, 0x08,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI3, 15)

FIELD(XID_RSP_SAPI5)
    88, 0,
    0, 0,
    0x05,
    0xFB,
    0x16, 0x02, 0x08,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI5, 15)

FIELD(XID_RSP_SAPI9)
    88, 0,
    0, 0,
    0x09,
    0xFB,
    0x16, 0x02, 0x08,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI9, 12)

FIELD(XID_RSP_SAPI11)
    88, 0,
    0, 0,
    0x0B,
    0xFB,
    0x16, 0x02, 0x08,
    0x1A, 0x02, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI11, 15)

FIELD(XID_CMD_SAPI3_N201U_1520)
    64, 0,
    0, 0,
    0x03,

```

*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 520 \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 520 \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 520 \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 520 \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 520 \*/*  
*/\* N201-I = 520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0xFB,
        0x16, 0x05, 0xF0,
        0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI3_N201U_1520, 12)

FIELD(XID_CMD_SAPI5_N201U_1519)
    64, 0,
    0, 0,
    0x05,
    0xFB,
    0x16, 0x05, 0xEF,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI5_N201U_1519, 12)

FIELD(XID_CMD_SAPI9_N201U_1518)
    64, 0,
    0, 0,
    0x09,
    0xFB,
    0x16, 0x05, 0xEE,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI9_N201U_1518, 12)
FIELD(XID_CMD_SAPI11_N201_U_I_1517_1510)
    88, 0,
    0, 0,
    0x0B,
    0xFB,
    0x16, 0x05, 0xED,
    0x1A, 0x05, 0xE6,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI11_N201_U_I_1517_1510, 15)
FIELD(XID_SAPI3)
    40, 0,
    0, 0,
    0x03,
    0xFB,
    0x00, 0x00, 0x00
ENDFIELD(XID_SAPI3, 9)

FIELD(XID_RSP_SAPI5_N201U_1519)
    64, 0,
    0, 0,
    0x05,
    0xFB,
    0x16, 0x05, 0xEF,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI5_N201U_1519, 12)

FIELD(XID_RSP_SAPI9_N201U_1510)
    64, 0,
    0, 0,
    0x09,
    0xFB,
    0x16, 0x05, 0xE6,
    0x00, 0x00, 0x00
ENDFIELD(XID_RSP_SAPI9_N201U_1510, 12)

FIELD(XID_RSP_EMPTY)

```

*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1519 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1510 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1517 \*/*  
*/\* N201-I = 1510 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 5 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1519 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 8\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 1510 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

```

        40, 0,
        0, 0,
        0x0B,
        0xFB,
        0x00, 0x00, 0x00
ENDFIELD(XID_RSP_EMPTY, 9)

FIELD(XID_CMD_SAPI3_N201U_300)
    64, 0,
    0, 0,
    0x03,
    0xFB,
    0x16, 0x01, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI3_N201U_300, 12)
FIELD(XID_CMD_SAPI9_N201U_400)
    64, 0,
    0, 0,
    0x03,
    0xFB,
    0x16, 0x01, 0x90,
    0x00, 0x00, 0x00
ENDFIELD(XID_CMD_SAPI9_N201U_400, 12)

FIELD(XID_SAPI9)
    64, 0,
    0, 0,
    0x09,
    0xFB,
    0x00, 0x00, 0x00
ENDFIELD(XID_SAPI9, 12)

FIELD(XID1_NU300_SAPI3)
    64, 0,
    0, 0,
    0x43,
    0xFB,
    0x16, 0x01, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(XID1_NU300_SAPI3, 12)
FIELD(XID1_NU300_L3_SAPI3)
    96, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x16, 0x01, 0x2C,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID1_NU300_L3_SAPI3, 16)

FIELD(XID_SAPI3_NI1520)
    64, 0,
    0, 0,
    0x43,
    0xFB,

```

/\* sdu.l\_buf = 5\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 1 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 8\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* N201-U = 300 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 8\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* N201-U = 400 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 8\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 8\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* N201-U = 300 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 12\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* Version = 0 \*/  
/\* N201-U = 300 \*/  
/\* Empty L3-Para, 2 byte header \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 8\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/

```

        0x1A, 0x05, 0xF0,
        0x00, 0x00, 0x00
ENDFIELD(XID_SAPI3_NI1520, 12)

FIELD(XID_SAPI3_NI1520_NU300)
    88, 0,
    0, 0,
    0x43,
    0xFB,
    0x16, 0x01, 0x2C,
    0x1A, 0x05, 0xF0,
    0x00, 0x00, 0x00
ENDFIELD(XID_SAPI3_NI1520_NU300, 15)

FIELD(XID_NUI1520_NU200_SAPI3)
    88, 0,
    0, 0,
    0x43,
    0xFB,
    0x16, 0x00, 0xC8,
    0x1A, 0x05, 0xF0,
    0x00, 0x00, 0x00
ENDFIELD(XID_NUI1520_NU200_SAPI3, 15)

FIELD(XID_N5_SAPI3)
    56, 0,
    0, 0,
    0x43,
    0xFB,
    0x11, 15,
    0x00, 0x00, 0x00
ENDFIELD(XID_N5_SAPI3, 11)

FIELD(XID_IOV_UI_SAPI3)
    88, 0,
    0, 0,
    0x43,
    0xFB,
    0x84, 0x10,
    0x65, 0x69, 0xD0, 0x37,
    0xA1, 0x5E, 0xE4
ENDFIELD(XID_IOV_UI_SAPI3, 15)

FIELD(XID1_SAPI3)
    40, 0,
    0, 0,
    0x43,
    0xFB,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SAPI3, 9)

FIELD(XID1_RE_SAPI1)
    48, 0,
    0, 0,
    0x41,
    0xFB,
    0x30,

```

*/\* N201-I = 1520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 300 \*/*  
*/\* N201-I = 1520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 200 \*/*  
*/\* N201-I = 1520 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N200 = 15 \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 11\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* XID IOV-UI \*/*  
*/\* 936405349 \*/*  
*/\* FCS field: real values \*/*

*/\* sdu.l\_buf = 5\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 6\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 1, SAPI = 1 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Reset \*/*

```

0x00, 0x00, 0x00
ENDFIELD(XID1_RE_SAPI1, 10)

FIELD(XID1_RE_SAPI3)
    48, 0,
    0, 0,
    0x43,
    0xFB,
    0x30,
    0x00, 0x00, 0x00
ENDFIELD(XID1_RE_SAPI3, 10)

FIELD(XID1_SGSN_ALLMAX_SAPI1)
    120, 0,
    0, 0,
    0x41,
    0xFB,
    0x01, 0,
    0x0E, 0x0F, 0xFF,
    0x11, 15,
    0x16, 0x05, 0xF0,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLMAX_SAPI1, 19)

FIELD(XID1_SGSN_ALLMAX_SAPI3)
    224, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x0E, 0x0F, 0xFF,
    0x11, 15,
    0x16, 0x05, 0xF0,
    0x1A, 0x05, 0xF0,
    0x1E, 0x5F, 0x00,
    0x22, 0x5F, 0x00,
    0x25, 255,
    0x29, 255,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLMAX_SAPI3, 32)

FIELD(XID1_SGSN_ALLMAX_SAPI5)
    224, 0,
    0, 0,
    0x45,
    0xFB,
    0x01, 0,
    0x0E, 0x0F, 0xFF,
    0x11, 15,
    0x16, 0x05, 0xF0,
    0x1A, 0x05, 0xF0,
    0x1E, 0x5F, 0x00,
    0x22, 0x5F, 0x00,
    0x25, 255,
    0x29, 255,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLMAX_SAPI5, 32)

/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 6*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 3 */
/* Control field (U frame): P/F = 1, Function = XID */
/* Reset */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 15*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 1 */
/* Control field (U frame): P/F = 1, Function = XID */
/* Version = 0 */
/* T200 = 4095 */
/* N200 = 15 */
/* N201-U = 1520 */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 28*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 3 */
/* Control field (U frame): P/F = 1, Function = XID */
/* Version = 0 */
/* T200 = 4095 */
/* N200 = 15 */
/* N201-U = 1520 */
/* N201-I = 1520 */
/* mD = 24320 */
/* mU = 24320 */
/* kD = 255 */
/* kU = 255 */
/* FCS field: all 0x00 in simulation */

/* sdu.l_buf = 28*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 1, SAPI = 5 */
/* Control field (U frame): P/F = 1, Function = XID */
/* Version = 0 */
/* T200 = 4095 */
/* N200 = 15 */
/* N201-U = 1520 */
/* N201-I = 1520 */
/* mD = 24320 */
/* mU = 24320 */
/* kD = 255 */
/* kU = 255 */
/* FCS field: all 0x00 in simulation */

```



FIELD(XID1\_SGSN\_ALLMAX\_SAPI7)

120, 0,

0, 0,

0x47,

0xFB,

0x01, 0,

0x0E, 0x0F, 0xFF,

0x11, 15,

0x16, 0x05, 0xF0,

0x00, 0x00, 0x00

ENDFIELD(XID1\_SGSN\_ALLMAX\_SAPI7, 19)

/\* sdu.l\_buf = 15\*8 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 1, SAPI = 7 \*/

/\* Control field (U frame): P/F = 1, Function = XID \*/

/\* Version = 0 \*/

/\* T200 = 4095 \*/

/\* N200 = 15 \*/

/\* N201-U = 1520 \*/

/\* FCS field: all 0x00 in simulation \*/

FIELD(XID1\_SGSN\_ALLMAX\_SAPI9)

224, 0,

0, 0,

0x49,

0xFB,

0x01, 0,

0x0E, 0x0F, 0xFF,

0x11, 15,

0x16, 0x05, 0xF0,

0x1A, 0x05, 0xF0,

0x1E, 0x5F, 0x00,

0x22, 0x5F, 0x00,

0x25, 255,

0x29, 255,

0x00, 0x00, 0x00

ENDFIELD(XID1\_SGSN\_ALLMAX\_SAPI9, 32)

/\* sdu.l\_buf = 28\*8 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 1, SAPI = 9 \*/

/\* Control field (U frame): P/F = 1, Function = XID \*/

/\* Version = 0 \*/

/\* T200 = 4095 \*/

/\* N200 = 15 \*/

/\* N201-U = 1520 \*/

/\* N201-I = 1520 \*/

/\* mD = 24320 \*/

/\* mU = 24320 \*/

/\* kD = 255 \*/

/\* kU = 255 \*/

/\* FCS field: all 0x00 in simulation \*/

FIELD(XID1\_SGSN\_ALLMAX\_SAPI11)

224, 0,

0, 0,

0x4B,

0xFB,

0x01, 0,

0x0E, 0x0F, 0xFF,

0x11, 15,

0x16, 0x05, 0xF0,

0x1A, 0x05, 0xF0,

0x1E, 0x5F, 0x00,

0x22, 0x5F, 0x00,

0x25, 255,

0x29, 255,

0x00, 0x00, 0x00

ENDFIELD(XID1\_SGSN\_ALLMAX\_SAPI11, 32)

/\* sdu.l\_buf = 28\*8 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 1, SAPI = 11 \*/

/\* Control field (U frame): P/F = 1, Function = XID \*/

/\* Version = 0 \*/

/\* T200 = 4095 \*/

/\* N200 = 15 \*/

/\* N201-U = 1520 \*/

/\* N201-I = 1520 \*/

/\* mD = 24320 \*/

/\* mU = 24320 \*/

/\* kD = 255 \*/

/\* kU = 255 \*/

/\* FCS field: all 0x00 in simulation \*/

FIELD(XID1\_SGSN\_ALLMORETHANMAX\_SAPI3)

224, 0,

0, 0,

0x43,

0xFB,

0x01, 0,

0x0E, 0x10, 0x00,

0x11, 16,

0x16, 0x05, 0xF1,

0x1A, 0x05, 0xF1,

0x1E, 0x5F, 0x01,

/\* sdu.l\_buf = 28\*8 \*/

/\* sdu.o\_buf = 0 \*/

/\* Address field: PD = 0, C/R = 1, SAPI = 3 \*/

/\* Control field (U frame): P/F = 1, Function = XID \*/

/\* Version = 0 \*/

/\* T200 = 4096 \*/

/\* N200 = 16 \*/

/\* N201-U = 1521 \*/

/\* N201-I = 1521 \*/

/\* mD = 24321 \*/

```

        0x22, 0x5F, 0x01,
        0x25, 255,
        0x29, 255,
        0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLMORETHANMAX_SAPI3, 32)

FIELD(XID1_SGSN_ALLMIN_SAPI3)
    224, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x0E, 0, 1,
    0x11, 1,
    0x16, 0, 140,
    0x1A, 0, 140,
    0x1E, 0, 0,
    0x22, 0, 0,
    0x25, 1,
    0x29, 1,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLMIN_SAPI3, 32)

FIELD(XID1_SGSN_ALLLESSTHANMIN_SAPI3)
    224, 0,
    0, 0,
    0x43,
    0xFB,
    0x01, 0,
    0x0E, 0, 0,
    0x11, 0,
    0x16, 0, 139,
    0x1A, 0, 139,
    0x1E, 0, 0,
    0x22, 0, 0,
    0x25, 0,
    0x29, 0,
    0x00, 0x00, 0x00
ENDFIELD(XID1_SGSN_ALLLESSTHANMIN_SAPI3, 32)

/*
The XID parameter N201-U in the following XID command has to contain some value which results in the last octet being 0x00.
Otherwise the XID command is rejected due to a wrong FCS field (last three octets, according to l_buf!).
*/
FIELD(XID1_EXCEEDSSDULENGTH_SAPI1)
    72, 0,
    0, 0,
    0x41,
    0xFB,
    0x01, 0,
    0x16, 0x02, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID1_EXCEEDSSDULENGTH_SAPI1, 14)

/*

```

#### 2.2.4.2 MS Commands / SGSN Responses (C/R bit = 0)

```

*/

```

```

FIELD(XID_CR0_EMPTY_L3_SAPI3)
    56, 0,
    0, 0,
    0x03,
    0xFB,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_CR0_EMPTY_L3_SAPI3, 11)
FIELD(XID_EL3_N201_I_U_520_400_SAPI3)
    104, 0,
    0, 0,
    0x03,
    0xFB,
    0x16, 0x01, 0x90,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_EL3_N201_I_U_520_400_SAPI3, 17)

FIELD(XID_N201_I_U_520_400_EL3_SAPI3)
    104, 0,
    0, 0,
    0x03,
    0xFB,
    0x16, 0x01, 0x90,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_N201_I_U_520_400_EL3_SAPI3, 17)

FIELD(XID_N201I_520_EMPTY_L3_SAPI3)
    80, 0,
    0, 0,
    0x03,
    0xFB,
    0x1A, 0x02, 0x08,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_N201I_520_EMPTY_L3_SAPI3, 14)

FIELD(XID_CR0_EMPTY_L3_SAPI11)
    56, 0,
    0, 0,
    0x0B,
    0xFB,
    0xAC, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_CR0_EMPTY_L3_SAPI11, 11)

FIELD(XID_CR0_ALL_DEF_SAPI11)
    232, 0,
    0, 0,
    0x0B,
    0xFB,
    0x29, 0x02, 0x25, 0x02, 0x22,
    0x00, 0xBE, 0x1E, 0x00, 0xBE,

```

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 13\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 400 \*/*  
*/\* N201-I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 13\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201-U = 400 \*/*  
*/\* N201\_I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 10\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* N201\_I = 520 \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 7\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*  
*/\* Empty L3-Para, 2 byte header \*/*  
*/\* FCS field: all 0x00 in simulation \*/*

*/\* sdu.l\_buf = 29\*8 \*/*  
*/\* sdu.o\_buf = 0 \*/*  
*/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/*  
*/\* Control field (U frame): P/F = 1, Function = XID \*/*

```

        0x1A, 0x05, 0xDF, 0x16, 0x01,
        0xF4, 0x11, 0x03, 0x0E, 0x01,
        0x90, 0x01, 0x00, 0x2C,
        0x00, 0x00, 0x00
ENDFIELD(XID_CR0_ALL_DEF_SAPI11, 33)
FIELD(XID_CR0_ALL_DEF_EXCPT_N201_I_SAPI3)
    232, 0,
    0, 0,
    0x03,
    0xFB,
    0x29, 0x02, 0x25, 0x02, 0x22,
    0x00, 0xBE, 0x1E, 0x00, 0xBE,
    0x1A, 0x02, 0x08, 0x16, 0x01,
    0xF4, 0x11, 0x03, 0x0E, 0x01,
    0x90, 0x01, 0x00, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(XID_CR0_ALL_DEF_EXCPT_N201_I_SAPI3, 33)
FIELD(XID_CR1_ALL_DEF_SAPI3)
    224, 0,
    0, 0,
    0x43,
    0xFB,
    0x29, 0x02, 0x25, 0x02, 0x22,
    0x00, 0xBE, 0x1E, 0x00, 0xBE,
    0x1A, 0x05, 0xDF, 0x16, 0x01,
    0xF4, 0x11, 0x03, 0x0E, 0x01,
    0x90, 0x01, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(XID_CR1_ALL_DEF_SAPI3, 32)

FIELD(SGSN_UA1_ALL_DEF_SAPI11)
    232, 0,
    0, 0,
    0x0B,
    0xF6,
    0x29, 0x02, 0x25, 0x02, 0x22,
    0x00, 0xBE, 0x1E, 0x00, 0xBE,
    0x1A, 0x05, 0xDF, 0x16, 0x01,
    0xF4, 0x11, 0x03, 0x0E, 0x01,
    0x90, 0x01, 0x00, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_ALL_DEF_SAPI11, 33)

FIELD(SGSN_UA1_ALL_MIN_EXCPT_T200_N200_SAPI9)
    232, 0,
    0, 0,
    0x09,
    0xF6,
    0x01, 0,
    0x0E, 0x0F, 0xFF,
    0x11, 15,
    0x16, 0, 140,
    0x1A, 0, 140,
    0x1E, 0, 0,
    0x22, 0, 0,
    0x25, 1,
    0x29, 1,

```

/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 29\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* 29 ku, 25 kd, 22 mu \*/  
/\* 1e md \*/  
/\* 1a N201\_I, 16 N201\_U \*/  
/\* 11 N200, 0e T200 \*/  
/\* 01 Version, 2C Empty Layer 3 \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 28\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 3 \*/  
/\* Control field (U frame): P/F = 1, Function = XID \*/  
/\* 29 ku, 25 kd, 22 mu \*/  
/\* 1e md \*/  
/\* 1a N201\_I, 16 N201\_U \*/  
/\* 11 N200, 0e T200 \*/  
/\* 01 Version, \*/  
/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 29\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 11 \*/  
/\* Control field (U frame): P/F = 1, Mx = 0110 (UA) \*/

/\* FCS field: all 0x00 in simulation \*/

/\* sdu.l\_buf = 29\*8 \*/  
/\* sdu.o\_buf = 0 \*/  
/\* Address field: PD = 0, C/R = 0, SAPI = 9 \*/  
/\* Control field (U frame): P/F = 1, Mx = 0110 (UA) \*/  
/\* Version = 0 \*/  
/\* T200 = 4095 \*/  
/\* N200 = 15 \*/  
/\* N201-U = 140 \*/  
/\* N201-I = 140 \*/  
/\* mD = 0 \*/  
/\* mU = 0 \*/  
/\* kD = 1 \*/  
/\* kU = 1 \*/

```

        0x2C,
        0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_ALL_MIN_EXCPT_T200_N200_SAPI9, 33)

FIELD(SGSN_UA1_N201U_400_SAPI3)
    72, 0,
    0, 0,
    0x03,
    0xF6,
    0x16, 0x01, 0x90,
    0x2C,
    0x00, 0x00, 0x00
ENDFIELD(SGSN_UA1_N201U_400_SAPI3, 13)

FIELD(XID_CR0_ALL_DIF_SAPI11)
    232, 0,
    0, 0,
    0x0B,
    0xFB,
    0x29, 0x02, 0x25, 0x02, 0x22,
    0x00, 0xBE, 0x1E, 0x00, 0xBE,
    0x1A, 0x05, 0xDF, 0x16, 0x01,
    0xF4, 0x11, 0x05, 0x0E, 0x01,
    0x90, 0x01, 0x00, 0x2C,
    0x00, 0x00, 0x00
ENDFIELD(XID_CR0_ALL_DIF_SAPI11, 33)

```

```

/* Empty L3-Para*/
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 9*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 3 */
/* Control field (U frame): P/F = 1, Mx = 0110 (UA) */
/* N201-U = 400 */
/* Empty L3-Para*/
/* FCS field: all 0x00 in simulation */

```

```

/* sdu.l_buf = 29*8 */
/* sdu.o_buf = 0 */
/* Address field: PD = 0, C/R = 0, SAPI = 11 */
/* Control field (U frame): P/F = 1, Function = XID */

```

```

/* FCS field: all 0x00 in simulation */

```

```

/*

```

## 2.2.5 Primitive Mass Test

```

*/

```

```

/*

```

```

*/

```

### 2.2.5.1 GRR-S-Frames , RR, SAPI 3

```

*/

```

```

FIELD(RR_NR0_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR0_A0_S3, 10)

```

```

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=0 A=0 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_NR1_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x04,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR1_A0_S3, 10)

```

```

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=1 A=0 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_NR2_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR2_A0_S3, 10)

```

```

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=2 A=0 RR */
/* FCS: 0x00 for sim. */

```

```
FIELD(RR_NR3_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x0c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR3_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=3 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR4_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR4_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=4 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR5_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR5_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=5 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR6_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x18,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR6_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=6 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR7_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x1c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR7_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=7 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR8_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR8_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=8 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR9_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR9_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=9 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR10_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR10_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=10 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR11_A0_S3)
    0x30, 0x00, 0x00, 0x00,
```

```

        0x03,
        0x80, 0x2c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR11_A0_S3, 10)

FIELD(RR_NR12_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR12_A0_S3, 10)

FIELD(RR_NR13_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x34,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR13_A0_S3, 10)

FIELD(RR_NR14_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x38,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR14_A0_S3, 10)

FIELD(RR_NR15_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x3c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR15_A0_S3, 10)

FIELD(RR_NR16_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR16_A0_S3, 10)

FIELD(RR_NR17_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x44,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR17_A0_S3, 10)

FIELD(RR_NR18_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x48,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR18_A0_S3, 10)

FIELD(RR_NR19_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x4c,

```

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=11 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=12 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=13 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=14 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=15 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=16 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=17 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=18 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=19 A=0 RR \*/*

```
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR19_A0_S3, 10)

FIELD(RR_NR20_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x50,                                       /* S frame: N(R)=20 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR20_A0_S3, 10)

FIELD(RR_NR21_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x54,                                       /* S frame: N(R)=21 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR21_A0_S3, 10)

FIELD(RR_NR22_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x58,                                       /* S frame: N(R)=22 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR22_A0_S3, 10)

FIELD(RR_NR23_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x5c,                                       /* S frame: N(R)=23 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR23_A0_S3, 10)

FIELD(RR_NR24_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x60,                                       /* S frame: N(R)=24 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR24_A0_S3, 10)

FIELD(RR_NR25_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x64,                                       /* S frame: N(R)=25 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR25_A0_S3, 10)

FIELD(RR_NR26_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x68,                                       /* S frame: N(R)=26 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR26_A0_S3, 10)

FIELD(RR_NR27_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x80, 0x6c,                                       /* S frame: N(R)=27 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR27_A0_S3, 10)
```



```
FIELD(RR_NR28_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR28_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=28 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR29_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR29_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=29 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR30_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x78,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR30_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=30 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR31_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x7c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR31_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=31 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR32_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x80,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR32_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=32 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR33_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x84,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR33_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=33 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR34_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x88,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR34_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=34 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR35_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0x8c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR35_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=35 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR36_A0_S3)
```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0x90,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR36_A0_S3, 10)

FIELD(RR_NR37_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0x94,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR37_A0_S3, 10)

FIELD(RR_NR38_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0x98,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR38_A0_S3, 10)

FIELD(RR_NR39_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0x9c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR39_A0_S3, 10)

FIELD(RR_NR40_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0xa0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR40_A0_S3, 10)

FIELD(RR_NR41_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0xa4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR41_A0_S3, 10)

FIELD(RR_NR42_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0xa8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR42_A0_S3, 10)

FIELD(RR_NR43_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x80, 0xac,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR43_A0_S3, 10)

FIELD(RR_NR44_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=36 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=37 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=38 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=39 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=40 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=41 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=42 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=43 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0x80, 0xb0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR44_A0_S3, 10)

FIELD(RR_NR45_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR45_A0_S3, 10)

FIELD(RR_NR46_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR46_A0_S3, 10)

FIELD(RR_NR47_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR47_A0_S3, 10)

FIELD(RR_NR48_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR48_A0_S3, 10)

FIELD(RR_NR49_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR49_A0_S3, 10)

FIELD(RR_NR50_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR50_A0_S3, 10)

FIELD(RR_NR51_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xcc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR51_A0_S3, 10)

FIELD(RR_NR52_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xd0,
    0x00, 0x00, 0x00

```

/\* S frame: N(R)=44 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=45 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=46 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=47 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=48 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=49 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=50 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=51 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=52 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR52\_A0\_S3, 10)

```
FIELD(RR_NR53_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xd4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR53_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=53 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR54_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xd8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR54_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=54 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR55_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR55_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=55 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR56_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR56_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=56 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR57_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR57_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=57 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR58_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR58_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=58 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR59_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xec,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR59_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=59 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR60_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xf0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR60_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=60 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```

FIELD(RR_NR61_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xf4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR61_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=61 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR62_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xf8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR62_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=62 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR63_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x80, 0xfc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR63_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=63 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR64_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR64_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=64 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR65_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x04,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR65_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=65 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR66_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR66_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=66 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR67_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x0c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR67_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=67 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR68_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR68_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=68 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR69_A0_S3)
    0x30, 0x00, 0x00, 0x00,

```

```

        0x03,
        0x81, 0x14,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR69_A0_S3, 10)

FIELD(RR_NR70_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x18,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR70_A0_S3, 10)

FIELD(RR_NR71_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x1c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR71_A0_S3, 10)

FIELD(RR_NR72_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR72_A0_S3, 10)

FIELD(RR_NR73_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR73_A0_S3, 10)

FIELD(RR_NR74_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR74_A0_S3, 10)

FIELD(RR_NR75_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR75_A0_S3, 10)

FIELD(RR_NR76_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR76_A0_S3, 10)

FIELD(RR_NR77_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x34,

```

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=69 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=70 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=71 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=72 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=73 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=74 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=75 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=76 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=77 A=0 RR \*/*

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        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR77_A0_S3, 10)

FIELD(RR_NR78_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x38,                                     /* S frame: N(R)=78 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR78_A0_S3, 10)

FIELD(RR_NR79_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x3c,                                     /* S frame: N(R)=79 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR79_A0_S3, 10)

FIELD(RR_NR80_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x40,                                     /* S frame: N(R)=80 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR80_A0_S3, 10)

FIELD(RR_NR81_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x44,                                     /* S frame: N(R)=81 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR81_A0_S3, 10)

FIELD(RR_NR82_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x48,                                     /* S frame: N(R)=82 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR82_A0_S3, 10)

FIELD(RR_NR83_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x4c,                                     /* S frame: N(R)=83 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR83_A0_S3, 10)

FIELD(RR_NR84_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x50,                                     /* S frame: N(R)=84 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR84_A0_S3, 10)

FIELD(RR_NR85_A0_S3)
        0x30, 0x00, 0x00, 0x00,                        /* sdu.l_buf = 48, sdu.o_buf = 0 */
        0x03,                                           /* PD = 0, C/R = 0, SAPI = 3 */
        0x81, 0x54,                                     /* S frame: N(R)=85 A=0 RR */
        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR85_A0_S3, 10)

```

```
FIELD(RR_NR86_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x58,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR86_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=86 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR87_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x5c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR87_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=87 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR88_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x60,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR88_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=88 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR89_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x64,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR89_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=89 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR90_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x68,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR90_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=90 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR91_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x6c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR91_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=91 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR92_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR92_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=92 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR93_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR93_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=93 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR94_A0_S3)
```



```
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x78,
0x00, 0x00, 0x00
ENDFIELD(RR_NR94_A0_S3, 10)

FIELD(RR_NR95_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x7c,
0x00, 0x00, 0x00
ENDFIELD(RR_NR95_A0_S3, 10)

FIELD(RR_NR96_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x80,
0x00, 0x00, 0x00
ENDFIELD(RR_NR96_A0_S3, 10)

FIELD(RR_NR97_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x84,
0x00, 0x00, 0x00
ENDFIELD(RR_NR97_A0_S3, 10)

FIELD(RR_NR98_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x88,
0x00, 0x00, 0x00
ENDFIELD(RR_NR98_A0_S3, 10)

FIELD(RR_NR99_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x8c,
0x00, 0x00, 0x00
ENDFIELD(RR_NR99_A0_S3, 10)

FIELD(RR_NR100_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x90,
0x00, 0x00, 0x00
ENDFIELD(RR_NR100_A0_S3, 10)

FIELD(RR_NR101_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x81, 0x94,
0x00, 0x00, 0x00
ENDFIELD(RR_NR101_A0_S3, 10)

FIELD(RR_NR102_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=94 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=95 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=96 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=97 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=98 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=99 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=100 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=101 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```
0x81, 0x98, /* S frame: N(R)=102 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR102_A0_S3, 10)

FIELD(RR_NR103_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0x9c, /* S frame: N(R)=103 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR103_A0_S3, 10)

FIELD(RR_NR104_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xa0, /* S frame: N(R)=104 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR104_A0_S3, 10)

FIELD(RR_NR105_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xa4, /* S frame: N(R)=105 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR105_A0_S3, 10)

FIELD(RR_NR106_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xa8, /* S frame: N(R)=106 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR106_A0_S3, 10)

FIELD(RR_NR107_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xac, /* S frame: N(R)=107 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR107_A0_S3, 10)

FIELD(RR_NR108_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xb0, /* S frame: N(R)=108 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR108_A0_S3, 10)

FIELD(RR_NR109_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xb4, /* S frame: N(R)=109 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR109_A0_S3, 10)

FIELD(RR_NR110_A0_S3)
0x30, 0x00, 0x00, 0x00, /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x81, 0xb8, /* S frame: N(R)=110 A=0 RR */
0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
```

ENDFIELD(RR\_NR110\_A0\_S3, 10)

FIELD(RR\_NR111\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xbc, /\* S frame: N(R)=111 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR111\_A0\_S3, 10)

FIELD(RR\_NR112\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xc0, /\* S frame: N(R)=112 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR112\_A0\_S3, 10)

FIELD(RR\_NR113\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xc4, /\* S frame: N(R)=113 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR113\_A0\_S3, 10)

FIELD(RR\_NR114\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xc8, /\* S frame: N(R)=114 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR114\_A0\_S3, 10)

FIELD(RR\_NR115\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xcc, /\* S frame: N(R)=115 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR115\_A0\_S3, 10)

FIELD(RR\_NR116\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xd0, /\* S frame: N(R)=116 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR116\_A0\_S3, 10)

FIELD(RR\_NR117\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xd4, /\* S frame: N(R)=117 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR117\_A0\_S3, 10)

FIELD(RR\_NR118\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x81, 0xd8, /\* S frame: N(R)=118 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR118\_A0\_S3, 10)

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FIELD(RR_NR119_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR119_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=119 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR120_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR120_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=120 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR121_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR121_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=121 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR122_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR122_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=122 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR123_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xec,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR123_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=123 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR124_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xf0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR124_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=124 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR125_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xf4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR125_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=125 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR126_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x81, 0xf8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR126_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=126 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR127_A0_S3)
    0x30, 0x00, 0x00, 0x00,

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```

        0x03,
        0x81, 0xfc,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR127_A0_S3, 10)

FIELD(RR_NR128_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR128_A0_S3, 10)

FIELD(RR_NR129_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x04,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR129_A0_S3, 10)

FIELD(RR_NR130_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR130_A0_S3, 10)

FIELD(RR_NR131_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x0c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR131_A0_S3, 10)

FIELD(RR_NR132_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR132_A0_S3, 10)

FIELD(RR_NR133_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR133_A0_S3, 10)

FIELD(RR_NR134_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x18,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR134_A0_S3, 10)

FIELD(RR_NR135_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x1c,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=127 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=128 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=129 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=130 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=131 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=132 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=133 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=134 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=135 A=0 RR \*/

```
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR135_A0_S3, 10)

FIELD(RR_NR136_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x20,                                      /* S frame: N(R)=136 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR136_A0_S3, 10)

FIELD(RR_NR137_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x24,                                      /* S frame: N(R)=137 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR137_A0_S3, 10)

FIELD(RR_NR138_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x28,                                      /* S frame: N(R)=138 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR138_A0_S3, 10)

FIELD(RR_NR139_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x2c,                                      /* S frame: N(R)=139 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR139_A0_S3, 10)

FIELD(RR_NR140_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x30,                                      /* S frame: N(R)=140 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR140_A0_S3, 10)

FIELD(RR_NR141_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x34,                                      /* S frame: N(R)=141 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR141_A0_S3, 10)

FIELD(RR_NR142_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x38,                                      /* S frame: N(R)=142 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR142_A0_S3, 10)

FIELD(RR_NR143_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x82, 0x3c,                                      /* S frame: N(R)=143 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR143_A0_S3, 10)
```

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FIELD(RR_NR144_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR144_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=144 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR145_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x44,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR145_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=145 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR146_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x48,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR146_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=146 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR147_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x4c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR147_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=147 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR148_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x50,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR148_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=148 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR149_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x54,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR149_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=149 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR150_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x58,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR150_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=150 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR151_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0x5c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR151_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=151 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR152_A0_S3)
```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x60,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR152_A0_S3, 10)

FIELD(RR_NR153_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x64,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR153_A0_S3, 10)

FIELD(RR_NR154_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x68,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR154_A0_S3, 10)

FIELD(RR_NR155_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x6c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR155_A0_S3, 10)

FIELD(RR_NR156_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x70,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR156_A0_S3, 10)

FIELD(RR_NR157_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x74,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR157_A0_S3, 10)

FIELD(RR_NR158_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x78,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR158_A0_S3, 10)

FIELD(RR_NR159_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x82, 0x7c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR159_A0_S3, 10)

FIELD(RR_NR160_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=152 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=153 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=154 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=155 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=156 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=157 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=158 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=159 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*



|  |  |
|--|--|
| 0x82, 0x80,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR160_A0_S3, 10)  | /* S frame: N(R)=160 A=0 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_NR161_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x84,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR161_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=161 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR162_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x88,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR162_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=162 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR163_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x8c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR163_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=163 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR164_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x90,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR164_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=164 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR165_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x94,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR165_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=165 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR166_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x98,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR166_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=166 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR167_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0x9c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR167_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=167 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR168_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x82, 0xa0,<br>0x00, 0x00, 0x00                                 | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=168 A=0 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_NR168\_A0\_S3, 10)

```
FIELD(RR_NR169_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xa4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR169_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=169 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR170_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xa8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR170_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=170 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR171_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xac,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR171_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=171 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR172_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR172_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=172 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR173_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR173_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=173 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR174_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR174_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=174 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR175_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR175_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=175 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR176_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR176_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=176 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR177_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR177_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=177 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR178_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR178_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=178 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR179_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xcc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR179_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=179 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR180_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xd0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR180_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=180 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR181_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xd4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR181_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=181 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR182_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xd8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR182_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=182 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR183_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR183_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=183 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR184_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR184_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=184 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR185_A0_S3)
    0x30, 0x00, 0x00, 0x00,
```

```

        0x03,
        0x82, 0xe4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR185_A0_S3, 10)

FIELD(RR_NR186_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR186_A0_S3, 10)

FIELD(RR_NR187_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xec,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR187_A0_S3, 10)

FIELD(RR_NR188_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xf0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR188_A0_S3, 10)

FIELD(RR_NR189_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xf4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR189_A0_S3, 10)

FIELD(RR_NR190_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xf8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR190_A0_S3, 10)

FIELD(RR_NR191_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x82, 0xfc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR191_A0_S3, 10)

FIELD(RR_NR192_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR192_A0_S3, 10)

FIELD(RR_NR193_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x04,

```

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=185 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=186 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=187 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=188 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=189 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=190 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=191 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=192 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=193 A=0 RR \*/*

```

0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR193_A0_S3, 10)

FIELD(RR_NR194_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x08,                                       /* S frame: N(R)=194 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR194_A0_S3, 10)

FIELD(RR_NR195_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x0c,                                       /* S frame: N(R)=195 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR195_A0_S3, 10)

FIELD(RR_NR196_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x10,                                       /* S frame: N(R)=196 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR196_A0_S3, 10)

FIELD(RR_NR197_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x14,                                       /* S frame: N(R)=197 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR197_A0_S3, 10)

FIELD(RR_NR198_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x18,                                       /* S frame: N(R)=198 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR198_A0_S3, 10)

FIELD(RR_NR199_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x1c,                                       /* S frame: N(R)=199 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR199_A0_S3, 10)

FIELD(RR_NR200_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x20,                                       /* S frame: N(R)=200 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR200_A0_S3, 10)

FIELD(RR_NR201_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x83, 0x24,                                       /* S frame: N(R)=201 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR201_A0_S3, 10)

```

```

FIELD(RR_NR202_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR202_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=202 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR203_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR203_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=203 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR204_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR204_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=204 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR205_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x34,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR205_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=205 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR206_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x38,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR206_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=206 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR207_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x3c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR207_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=207 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR208_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR208_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=208 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR209_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x44,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR209_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=209 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR210_A0_S3)

```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x48,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR210_A0_S3, 10)

FIELD(RR_NR211_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x4c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR211_A0_S3, 10)

FIELD(RR_NR212_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x50,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR212_A0_S3, 10)

FIELD(RR_NR213_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x54,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR213_A0_S3, 10)

FIELD(RR_NR214_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x58,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR214_A0_S3, 10)

FIELD(RR_NR215_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x5c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR215_A0_S3, 10)

FIELD(RR_NR216_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x60,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR216_A0_S3, 10)

FIELD(RR_NR217_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x83, 0x64,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR217_A0_S3, 10)

FIELD(RR_NR218_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=210 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=211 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=212 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=213 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=214 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=215 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=216 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=217 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0x83, 0x68,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR218_A0_S3, 10)

FIELD(RR_NR219_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x6c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR219_A0_S3, 10)

FIELD(RR_NR220_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR220_A0_S3, 10)

FIELD(RR_NR221_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR221_A0_S3, 10)

FIELD(RR_NR222_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x78,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR222_A0_S3, 10)

FIELD(RR_NR223_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x7c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR223_A0_S3, 10)

FIELD(RR_NR224_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x80,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR224_A0_S3, 10)

FIELD(RR_NR225_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x84,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR225_A0_S3, 10)

FIELD(RR_NR226_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0x88,
    0x00, 0x00, 0x00

```

/\* S frame: N(R)=218 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=219 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=220 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=221 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=222 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=223 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=224 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=225 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=226 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/



ENDFIELD(RR\_NR226\_A0\_S3, 10)

FIELD(RR\_NR227\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0x8c,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=227 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR227\_A0\_S3, 10)

FIELD(RR\_NR228\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0x90,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=228 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR228\_A0\_S3, 10)

FIELD(RR\_NR229\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0x94,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=229 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR229\_A0\_S3, 10)

FIELD(RR\_NR230\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0x98,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=230 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR230\_A0\_S3, 10)

FIELD(RR\_NR231\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0x9c,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=231 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR231\_A0\_S3, 10)

FIELD(RR\_NR232\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0xa0,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=232 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR232\_A0\_S3, 10)

FIELD(RR\_NR233\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0xa4,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=233 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR233\_A0\_S3, 10)

FIELD(RR\_NR234\_A0\_S3)

0x30, 0x00, 0x00, 0x00,  
0x03,  
0x83, 0xa8,  
0x00, 0x00, 0x00

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=234 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR234\_A0\_S3, 10)

```
FIELD(RR_NR235_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xac,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR235_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=235 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR236_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR236_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=236 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR237_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR237_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=237 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR238_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR238_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=238 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR239_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR239_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=239 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR240_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR240_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=240 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR241_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR241_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=241 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR242_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR242_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=242 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR243_A0_S3)
    0x30, 0x00, 0x00, 0x00,
```

```

        0x03,
        0x83, 0xcc,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR243_A0_S3, 10)

FIELD(RR_NR244_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xd0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR244_A0_S3, 10)

FIELD(RR_NR245_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xd4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR245_A0_S3, 10)

FIELD(RR_NR246_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xd8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR246_A0_S3, 10)

FIELD(RR_NR247_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR247_A0_S3, 10)

FIELD(RR_NR248_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR248_A0_S3, 10)

FIELD(RR_NR249_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR249_A0_S3, 10)

FIELD(RR_NR250_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR250_A0_S3, 10)

FIELD(RR_NR251_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x83, 0xec,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=243 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=244 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=245 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=246 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=247 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=248 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=249 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=250 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=251 A=0 RR \*/

```

        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR251_A0_S3, 10)

FIELD(RR_NR252_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x83, 0xf0,                                              /* S frame: N(R)=252 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR252_A0_S3, 10)

FIELD(RR_NR253_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x83, 0xf4,                                              /* S frame: N(R)=253 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR253_A0_S3, 10)

FIELD(RR_NR254_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x83, 0xf8,                                              /* S frame: N(R)=254 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR254_A0_S3, 10)

FIELD(RR_NR255_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x83, 0xfc,                                              /* S frame: N(R)=255 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR255_A0_S3, 10)

FIELD(RR_NR256_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x84, 0x00,                                              /* S frame: N(R)=256 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR256_A0_S3, 10)

FIELD(RR_NR257_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x84, 0x04,                                              /* S frame: N(R)=257 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR257_A0_S3, 10)

FIELD(RR_NR258_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x84, 0x08,                                              /* S frame: N(R)=258 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR258_A0_S3, 10)

FIELD(RR_NR259_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x84, 0x0c,                                              /* S frame: N(R)=259 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR259_A0_S3, 10)

```

```

FIELD(RR_NR260_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR260_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=260 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR261_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR261_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=261 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR262_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x18,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR262_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=262 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR263_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x1c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR263_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=263 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR264_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR264_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=264 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR265_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR265_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=265 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR266_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR266_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=266 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR267_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR267_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=267 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR268_A0_S3)

```

```
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x30,
0x00, 0x00, 0x00
ENDFIELD(RR_NR268_A0_S3, 10)

FIELD(RR_NR269_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x34,
0x00, 0x00, 0x00
ENDFIELD(RR_NR269_A0_S3, 10)

FIELD(RR_NR270_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x38,
0x00, 0x00, 0x00
ENDFIELD(RR_NR270_A0_S3, 10)

FIELD(RR_NR271_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x3c,
0x00, 0x00, 0x00
ENDFIELD(RR_NR271_A0_S3, 10)

FIELD(RR_NR272_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x40,
0x00, 0x00, 0x00
ENDFIELD(RR_NR272_A0_S3, 10)

FIELD(RR_NR273_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x44,
0x00, 0x00, 0x00
ENDFIELD(RR_NR273_A0_S3, 10)

FIELD(RR_NR274_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x48,
0x00, 0x00, 0x00
ENDFIELD(RR_NR274_A0_S3, 10)

FIELD(RR_NR275_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
0x84, 0x4c,
0x00, 0x00, 0x00
ENDFIELD(RR_NR275_A0_S3, 10)

FIELD(RR_NR276_A0_S3)
0x30, 0x00, 0x00, 0x00,
0x03,
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=268 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=269 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=270 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=271 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=272 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=273 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=274 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=275 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

|  |  |
|--|--|
| 0x84, 0x50,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR276_A0_S3, 10)  | /* S frame: N(R)=276 A=0 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_NR277_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x54,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR277_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=277 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR278_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x58,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR278_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=278 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR279_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x5c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR279_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=279 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR280_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x60,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR280_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=280 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR281_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x64,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR281_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=281 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR282_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x68,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR282_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=282 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR283_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x6c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR283_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=283 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR284_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x84, 0x70,<br>0x00, 0x00, 0x00                                 | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=284 A=0 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_NR284\_A0\_S3, 10)

FIELD(RR\_NR285\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x74, /\* S frame: N(R)=285 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR285\_A0\_S3, 10)

FIELD(RR\_NR286\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x78, /\* S frame: N(R)=286 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR286\_A0\_S3, 10)

FIELD(RR\_NR287\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x7c, /\* S frame: N(R)=287 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR287\_A0\_S3, 10)

FIELD(RR\_NR288\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x80, /\* S frame: N(R)=288 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR288\_A0\_S3, 10)

FIELD(RR\_NR289\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x84, /\* S frame: N(R)=289 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR289\_A0\_S3, 10)

FIELD(RR\_NR290\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x88, /\* S frame: N(R)=290 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR290\_A0\_S3, 10)

FIELD(RR\_NR291\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x8c, /\* S frame: N(R)=291 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR291\_A0\_S3, 10)

FIELD(RR\_NR292\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x84, 0x90, /\* S frame: N(R)=292 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR292\_A0\_S3, 10)



```
FIELD(RR_NR293_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x94,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR293_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=293 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR294_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x98,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR294_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=294 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR295_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0x9c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR295_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=295 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR296_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xa0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR296_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=296 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR297_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xa4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR297_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=297 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR298_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xa8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR298_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=298 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR299_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xac,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR299_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=299 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR300_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR300_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=300 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR301_A0_S3)
    0x30, 0x00, 0x00, 0x00,
```

```

        0x03,
        0x84, 0xb4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR301_A0_S3, 10)

FIELD(RR_NR302_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR302_A0_S3, 10)

FIELD(RR_NR303_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR303_A0_S3, 10)

FIELD(RR_NR304_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR304_A0_S3, 10)

FIELD(RR_NR305_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR305_A0_S3, 10)

FIELD(RR_NR306_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR306_A0_S3, 10)

FIELD(RR_NR307_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xcc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR307_A0_S3, 10)

FIELD(RR_NR308_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xd0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR308_A0_S3, 10)

FIELD(RR_NR309_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xd4,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=301 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=302 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=303 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=304 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=305 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=306 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=307 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=308 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=309 A=0 RR \*/

```

        0x00, 0x00, 0x00
ENDFIELD(RR_NR309_A0_S3, 10)

FIELD(RR_NR310_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xd8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR310_A0_S3, 10)

FIELD(RR_NR311_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR311_A0_S3, 10)

FIELD(RR_NR312_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR312_A0_S3, 10)

FIELD(RR_NR313_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR313_A0_S3, 10)

FIELD(RR_NR314_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR314_A0_S3, 10)

FIELD(RR_NR315_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xec,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR315_A0_S3, 10)

FIELD(RR_NR316_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xf0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR316_A0_S3, 10)

FIELD(RR_NR317_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xf4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR317_A0_S3, 10)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=310 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=311 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=312 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=313 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=314 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=315 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=316 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=317 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_NR318_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xf8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR318_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=318 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR319_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x84, 0xfc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR319_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=319 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR320_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x00,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR320_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=320 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR321_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x04,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR321_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=321 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR322_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x08,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR322_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=322 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR323_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x0c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR323_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=323 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR324_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR324_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=324 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR325_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR325_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=325 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR326_A0_S3)

```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x18,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR326_A0_S3, 10)

FIELD(RR_NR327_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x1c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR327_A0_S3, 10)

FIELD(RR_NR328_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x20,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR328_A0_S3, 10)

FIELD(RR_NR329_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x24,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR329_A0_S3, 10)

FIELD(RR_NR330_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x28,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR330_A0_S3, 10)

FIELD(RR_NR331_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x2c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR331_A0_S3, 10)

FIELD(RR_NR332_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x30,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR332_A0_S3, 10)

FIELD(RR_NR333_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x85, 0x34,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR333_A0_S3, 10)

FIELD(RR_NR334_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=326 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=327 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=328 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=329 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=330 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=331 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=332 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=333 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

|  |  |
|--|--|
| 0x85, 0x38,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR334_A0_S3, 10)  | /* S frame: N(R)=334 A=0 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_NR335_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x3c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR335_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=335 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR336_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x40,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR336_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=336 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR337_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x44,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR337_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=337 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR338_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x48,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR338_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=338 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR339_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x4c,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR339_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=339 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR340_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x50,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR340_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=340 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR341_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x54,<br>0x00, 0x00, 0x00<br>ENDFIELD(RR_NR341_A0_S3, 10) | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=341 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_NR342_A0_S3)<br>0x30, 0x00, 0x00, 0x00,<br>0x03,<br>0x85, 0x58,<br>0x00, 0x00, 0x00                                 | /* sdu.l_buf = 48, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* S frame: N(R)=342 A=0 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_NR342\_A0\_S3, 10)

```
FIELD(RR_NR343_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x5c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR343_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=343 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR344_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x60,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR344_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=344 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR345_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x64,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR345_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=345 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR346_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x68,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR346_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=346 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR347_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x6c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR347_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=347 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR348_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR348_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=348 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR349_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR349_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=349 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR350_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x78,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR350_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=350 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```

FIELD(RR_NR351_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x7c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR351_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=351 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR352_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x80,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR352_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=352 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR353_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x84,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR353_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=353 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR354_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x88,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR354_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=354 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR355_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x8c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR355_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=355 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR356_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x90,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR356_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=356 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR357_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x94,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR357_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=357 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR358_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0x98,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR358_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=358 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR359_A0_S3)
    0x30, 0x00, 0x00, 0x00,

```



```

        0x03,
        0x85, 0x9c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR359_A0_S3, 10)

FIELD(RR_NR360_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xa0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR360_A0_S3, 10)

FIELD(RR_NR361_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xa4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR361_A0_S3, 10)

FIELD(RR_NR362_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xa8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR362_A0_S3, 10)

FIELD(RR_NR363_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xac,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR363_A0_S3, 10)

FIELD(RR_NR364_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR364_A0_S3, 10)

FIELD(RR_NR365_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR365_A0_S3, 10)

FIELD(RR_NR366_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR366_A0_S3, 10)

FIELD(RR_NR367_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xbc,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=359 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=360 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=361 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=362 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=363 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=364 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=365 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=366 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/  
  
 /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=367 A=0 RR \*/

```

        0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR367_A0_S3, 10)

FIELD(RR_NR368_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xc0,                                              /* S frame: N(R)=368 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR368_A0_S3, 10)

FIELD(RR_NR369_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xc4,                                              /* S frame: N(R)=369 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR369_A0_S3, 10)

FIELD(RR_NR370_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xc8,                                              /* S frame: N(R)=370 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR370_A0_S3, 10)

FIELD(RR_NR371_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xcc,                                              /* S frame: N(R)=371 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR371_A0_S3, 10)

FIELD(RR_NR372_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xd0,                                              /* S frame: N(R)=372 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR372_A0_S3, 10)

FIELD(RR_NR373_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xd4,                                              /* S frame: N(R)=373 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR373_A0_S3, 10)

FIELD(RR_NR374_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xd8,                                              /* S frame: N(R)=374 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR374_A0_S3, 10)

FIELD(RR_NR375_A0_S3)
    0x30, 0x00, 0x00, 0x00,                                /* sdu.l_buf = 48, sdu.o_buf = 0 */
    0x03,                                                    /* PD = 0, C/R = 0, SAPI = 3 */
    0x85, 0xdc,                                              /* S frame: N(R)=375 A=0 RR */
    0x00, 0x00, 0x00                                        /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR375_A0_S3, 10)

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FIELD(RR_NR376_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR376_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=376 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR377_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR377_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=377 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR378_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xe8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR378_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=378 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR379_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xec,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR379_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=379 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR380_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xf0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR380_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=380 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR381_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xf4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR381_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=381 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR382_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xf8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR382_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=382 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR383_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x85, 0xfc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR383_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=383 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR384_A0_S3)

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        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR384_A0_S3, 10)

FIELD(RR_NR385_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x04,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR385_A0_S3, 10)

FIELD(RR_NR386_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x08,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR386_A0_S3, 10)

FIELD(RR_NR387_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x0c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR387_A0_S3, 10)

FIELD(RR_NR388_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x10,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR388_A0_S3, 10)

FIELD(RR_NR389_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x14,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR389_A0_S3, 10)

FIELD(RR_NR390_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x18,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR390_A0_S3, 10)

FIELD(RR_NR391_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0x1c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR391_A0_S3, 10)

FIELD(RR_NR392_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=384 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=385 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=386 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=387 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=388 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=389 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=390 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=391 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0x86, 0x20,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR392_A0_S3, 10)

FIELD(RR_NR393_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR393_A0_S3, 10)

FIELD(RR_NR394_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x28,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR394_A0_S3, 10)

FIELD(RR_NR395_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR395_A0_S3, 10)

FIELD(RR_NR396_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR396_A0_S3, 10)

FIELD(RR_NR397_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x34,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR397_A0_S3, 10)

FIELD(RR_NR398_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x38,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR398_A0_S3, 10)

FIELD(RR_NR399_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x3c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR399_A0_S3, 10)

FIELD(RR_NR400_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x40,
    0x00, 0x00, 0x00

```

/\* S frame: N(R)=392 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=393 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=394 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=395 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=396 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=397 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=398 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=399 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=400 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR400\_A0\_S3, 10)

FIELD(RR\_NR401\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x44, /\* S frame: N(R)=401 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR401\_A0\_S3, 10)

FIELD(RR\_NR402\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x48, /\* S frame: N(R)=402 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR402\_A0\_S3, 10)

FIELD(RR\_NR403\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x4c, /\* S frame: N(R)=403 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR403\_A0\_S3, 10)

FIELD(RR\_NR404\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x50, /\* S frame: N(R)=404 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR404\_A0\_S3, 10)

FIELD(RR\_NR405\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x54, /\* S frame: N(R)=405 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR405\_A0\_S3, 10)

FIELD(RR\_NR406\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x58, /\* S frame: N(R)=406 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR406\_A0\_S3, 10)

FIELD(RR\_NR407\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x5c, /\* S frame: N(R)=407 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR407\_A0\_S3, 10)

FIELD(RR\_NR408\_A0\_S3)  
0x30, 0x00, 0x00, 0x00, /\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
0x03, /\* PD = 0, C/R = 0, SAPI = 3 \*/  
0x86, 0x60, /\* S frame: N(R)=408 A=0 RR \*/  
0x00, 0x00, 0x00 /\* FCS: 0x00 for sim. \*/  
ENDFIELD(RR\_NR408\_A0\_S3, 10)

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FIELD(RR_NR409_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x64,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR409_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=409 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR410_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x68,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR410_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=410 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR411_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x6c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR411_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=411 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR412_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR412_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=412 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR413_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR413_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=413 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR414_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x78,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR414_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=414 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR415_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x7c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR415_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=415 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR416_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x80,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR416_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=416 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR417_A0_S3)
    0x30, 0x00, 0x00, 0x00,
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        0x03,
        0x86, 0x84,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR417_A0_S3, 10)

FIELD(RR_NR418_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x88,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR418_A0_S3, 10)

FIELD(RR_NR419_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x8c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR419_A0_S3, 10)

FIELD(RR_NR420_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x90,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR420_A0_S3, 10)

FIELD(RR_NR421_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x94,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR421_A0_S3, 10)

FIELD(RR_NR422_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x98,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR422_A0_S3, 10)

FIELD(RR_NR423_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0x9c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR423_A0_S3, 10)

FIELD(RR_NR424_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xa0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR424_A0_S3, 10)

FIELD(RR_NR425_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xa4,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=417 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=418 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=419 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=420 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=421 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=422 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=423 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=424 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=425 A=0 RR \*/



```

        0x00, 0x00, 0x00
ENDFIELD(RR_NR425_A0_S3, 10)

FIELD(RR_NR426_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xa8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR426_A0_S3, 10)

FIELD(RR_NR427_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xac,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR427_A0_S3, 10)

FIELD(RR_NR428_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR428_A0_S3, 10)

FIELD(RR_NR429_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR429_A0_S3, 10)

FIELD(RR_NR430_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR430_A0_S3, 10)

FIELD(RR_NR431_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR431_A0_S3, 10)

FIELD(RR_NR432_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR432_A0_S3, 10)

FIELD(RR_NR433_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR433_A0_S3, 10)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=426 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=427 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=428 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=429 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=430 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=431 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=432 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=433 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_NR434_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR434_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=434 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR435_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xcc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR435_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=435 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR436_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xd0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR436_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=436 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR437_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xd4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR437_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=437 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR438_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xd8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR438_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=438 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR439_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xdc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR439_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=439 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR440_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xe0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR440_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=440 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR441_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x86, 0xe4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR441_A0_S3, 10)
/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=441 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR442_A0_S3)

```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xe8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR442_A0_S3, 10)

FIELD(RR_NR443_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xec,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR443_A0_S3, 10)

FIELD(RR_NR444_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xf0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR444_A0_S3, 10)

FIELD(RR_NR445_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xf4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR445_A0_S3, 10)

FIELD(RR_NR446_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xf8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR446_A0_S3, 10)

FIELD(RR_NR447_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x86, 0xfc,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR447_A0_S3, 10)

FIELD(RR_NR448_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0x00,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR448_A0_S3, 10)

FIELD(RR_NR449_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0x04,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR449_A0_S3, 10)

FIELD(RR_NR450_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=442 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=443 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=444 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=445 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=446 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=447 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=448 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=449 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0x87, 0x08,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR450_A0_S3, 10)

FIELD(RR_NR451_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x0c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR451_A0_S3, 10)

FIELD(RR_NR452_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x10,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR452_A0_S3, 10)

FIELD(RR_NR453_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x14,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR453_A0_S3, 10)

FIELD(RR_NR454_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x18,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR454_A0_S3, 10)

FIELD(RR_NR455_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x1c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR455_A0_S3, 10)

FIELD(RR_NR456_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x20,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR456_A0_S3, 10)

FIELD(RR_NR457_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x24,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR457_A0_S3, 10)

FIELD(RR_NR458_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x28,
    0x00, 0x00, 0x00

```

/\* S frame: N(R)=450 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=451 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=452 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=453 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=454 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=455 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=456 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=457 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* S frame: N(R)=458 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_NR458\_A0\_S3, 10)

```
FIELD(RR_NR459_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x2c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR459_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=459 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR460_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x30,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR460_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=460 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR461_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x34,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR461_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=461 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR462_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x38,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR462_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=462 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR463_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x3c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR463_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=463 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR464_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x40,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR464_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=464 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR465_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x44,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR465_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=465 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR466_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x48,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR466_A0_S3, 10)
```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/  
 /\* PD = 0, C/R = 0, SAPI = 3 \*/  
 /\* S frame: N(R)=466 A=0 RR \*/  
 /\* FCS: 0x00 for sim. \*/*

```
FIELD(RR_NR467_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x4c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR467_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=467 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR468_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x50,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR468_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=468 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR469_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x54,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR469_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=469 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR470_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x58,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR470_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=470 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR471_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x5c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR471_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=471 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR472_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x60,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR472_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=472 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR473_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x64,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR473_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=473 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR474_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x68,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR474_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=474 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR475_A0_S3)
    0x30, 0x00, 0x00, 0x00,
```

```

        0x03,
        0x87, 0x6c,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR475_A0_S3, 10)

FIELD(RR_NR476_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x70,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR476_A0_S3, 10)

FIELD(RR_NR477_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x74,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR477_A0_S3, 10)

FIELD(RR_NR478_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x78,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR478_A0_S3, 10)

FIELD(RR_NR479_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x7c,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR479_A0_S3, 10)

FIELD(RR_NR480_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x80,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR480_A0_S3, 10)

FIELD(RR_NR481_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x84,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR481_A0_S3, 10)

FIELD(RR_NR482_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x88,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR482_A0_S3, 10)

FIELD(RR_NR483_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0x8c,

```

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=475 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=476 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=477 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=478 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=479 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=480 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=481 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=482 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=483 A=0 RR \*/*

```

0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR483_A0_S3, 10)

FIELD(RR_NR484_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0x90,                                       /* S frame: N(R)=484 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR484_A0_S3, 10)

FIELD(RR_NR485_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0x94,                                       /* S frame: N(R)=485 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR485_A0_S3, 10)

FIELD(RR_NR486_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0x98,                                       /* S frame: N(R)=486 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR486_A0_S3, 10)

FIELD(RR_NR487_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0x9c,                                       /* S frame: N(R)=487 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR487_A0_S3, 10)

FIELD(RR_NR488_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0xa0,                                       /* S frame: N(R)=488 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR488_A0_S3, 10)

FIELD(RR_NR489_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0xa4,                                       /* S frame: N(R)=489 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR489_A0_S3, 10)

FIELD(RR_NR490_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0xa8,                                       /* S frame: N(R)=490 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR490_A0_S3, 10)

FIELD(RR_NR491_A0_S3)
0x30, 0x00, 0x00, 0x00,                          /* sdu.l_buf = 48, sdu.o_buf = 0 */
0x03,                                              /* PD = 0, C/R = 0, SAPI = 3 */
0x87, 0xac,                                       /* S frame: N(R)=491 A=0 RR */
0x00, 0x00, 0x00                                /* FCS: 0x00 for sim. */
ENDFIELD(RR_NR491_A0_S3, 10)

```



```
FIELD(RR_NR492_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xb0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR492_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=492 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR493_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xb4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR493_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=493 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR494_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xb8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR494_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=494 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR495_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xbc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR495_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=495 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR496_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xc0,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR496_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=496 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR497_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xc4,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR497_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=497 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR498_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xc8,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR498_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=498 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR499_A0_S3)
    0x30, 0x00, 0x00, 0x00,
    0x03,
    0x87, 0xcc,
    0x00, 0x00, 0x00
ENDFIELD(RR_NR499_A0_S3, 10)

/* sdu.l_buf = 48, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* S frame: N(R)=499 A=0 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_NR500_A0_S3)
```

```

        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xd0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR500_A0_S3, 10)

FIELD(RR_NR501_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xd4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR501_A0_S3, 10)

FIELD(RR_NR502_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xd8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR502_A0_S3, 10)

FIELD(RR_NR503_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xdc,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR503_A0_S3, 10)

FIELD(RR_NR504_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xe0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR504_A0_S3, 10)

FIELD(RR_NR505_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xe4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR505_A0_S3, 10)

FIELD(RR_NR506_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xe8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR506_A0_S3, 10)

FIELD(RR_NR507_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xec,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR507_A0_S3, 10)

FIELD(RR_NR508_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=500 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=501 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=502 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=503 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=504 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=505 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=506 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* S frame: N(R)=507 A=0 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 48, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

```

        0x87, 0xf0,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR508_A0_S3, 10)

FIELD(RR_NR509_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xf4,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR509_A0_S3, 10)

FIELD(RR_NR510_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xf8,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR510_A0_S3, 10)

FIELD(RR_NR511_A0_S3)
        0x30, 0x00, 0x00, 0x00,
        0x03,
        0x87, 0xfc,
        0x00, 0x00, 0x00
ENDFIELD(RR_NR511_A0_S3, 10)
/*

```

#### 2.2.5.2 GRR-I-Frames, RR, N(R)=0, 3 Byte L3 Data

\*/

```

FIELD(RR_D3_NS0_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x00, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS0_NR0_A1_S3, 14)

FIELD(RR_D3_NS1_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x10, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS1_NR0_A1_S3, 14)

FIELD(RR_D3_NS2_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x20, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS2_NR0_A1_S3, 14)

FIELD(RR_D3_NS3_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x30, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS3_NR0_A1_S3, 14)

FIELD(RR_D3_NS4_NR0_A1_S3)

```

```

        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x40, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS4_NR0_A1_S3, 14)

FIELD(RR_D3_NS5_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x50, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS5_NR0_A1_S3, 14)

FIELD(RR_D3_NS6_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x60, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS6_NR0_A1_S3, 14)

FIELD(RR_D3_NS7_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x70, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS7_NR0_A1_S3, 14)

FIELD(RR_D3_NS8_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x80, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS8_NR0_A1_S3, 14)

FIELD(RR_D3_NS9_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0x90, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS9_NR0_A1_S3, 14)

FIELD(RR_D3_NS10_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0xa0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS10_NR0_A1_S3, 14)

FIELD(RR_D3_NS11_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x40, 0xb0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS11_NR0_A1_S3, 14)

FIELD(RR_D3_NS12_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=4 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=5 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=6 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=7 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=8 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=9 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=10 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=11 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

|  |  |
|--|--|
| 0x40, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS12_NR0_A1_S3, 14)  | /* I frame: N(S)=12 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS13_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x40, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS13_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=13 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS14_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x40, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS14_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=14 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS15_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x40, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS15_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=15 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS16_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x41, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS16_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=16 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS17_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x41, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS17_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=17 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS18_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x41, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS18_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=18 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS19_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x41, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS19_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=19 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS20_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x41, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                       | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=20 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS20\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS21\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0x50, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS21\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=21 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS22\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0x60, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS22\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=22 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS23\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0x70, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS23\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=23 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS24\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0x80, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS24\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=24 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS25\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0x90, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS25\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=25 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS26\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0xa0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS26\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=26 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS27\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0xb0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS27\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=27 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS28\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x41, 0xc0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS28\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=28 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

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FIELD(RR_D3_NS29_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x41, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS29_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=29 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS30_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x41, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS30_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=30 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS31_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x41, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS31_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=31 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS32_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x42, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS32_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=32 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS33_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x42, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS33_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=33 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS34_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x42, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS34_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=34 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS35_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x42, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS35_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=35 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS36_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x42, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS36_NR0_A1_S3, 14)
/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=36 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS37_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

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0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0x50, 0x00, /* I frame: N(S)=37 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS37_NR0_A1_S3, 14)

FIELD(RR_D3_NS38_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0x60, 0x00, /* I frame: N(S)=38 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS38_NR0_A1_S3, 14)

FIELD(RR_D3_NS39_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0x70, 0x00, /* I frame: N(S)=39 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS39_NR0_A1_S3, 14)

FIELD(RR_D3_NS40_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0x80, 0x00, /* I frame: N(S)=40 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS40_NR0_A1_S3, 14)

FIELD(RR_D3_NS41_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0x90, 0x00, /* I frame: N(S)=41 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS41_NR0_A1_S3, 14)

FIELD(RR_D3_NS42_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0xa0, 0x00, /* I frame: N(S)=42 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS42_NR0_A1_S3, 14)

FIELD(RR_D3_NS43_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0xb0, 0x00, /* I frame: N(S)=43 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS43_NR0_A1_S3, 14)

FIELD(RR_D3_NS44_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0xc0, 0x00, /* I frame: N(S)=44 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS44_NR0_A1_S3, 14)

FIELD(RR_D3_NS45_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x42, 0xd0, 0x00, /* I frame: N(S)=45 N(R)=0 A=1 RR */

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0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS45_NR0_A1_S3, 14)

FIELD(RR_D3_NS46_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x42, 0xe0, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS46_NR0_A1_S3, 14)

FIELD(RR_D3_NS47_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x42, 0xf0, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS47_NR0_A1_S3, 14)

FIELD(RR_D3_NS48_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x00, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS48_NR0_A1_S3, 14)

FIELD(RR_D3_NS49_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x10, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS49_NR0_A1_S3, 14)

FIELD(RR_D3_NS50_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x20, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS50_NR0_A1_S3, 14)

FIELD(RR_D3_NS51_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x30, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS51_NR0_A1_S3, 14)

FIELD(RR_D3_NS52_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x40, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS52_NR0_A1_S3, 14)

FIELD(RR_D3_NS53_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x43, 0x50, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS53_NR0_A1_S3, 14)

/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=46 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=47 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=48 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=49 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=50 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=51 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=52 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=53 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

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FIELD(RR_D3_NS54_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS54_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=54 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS55_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS55_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=55 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS56_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS56_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=56 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS57_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS57_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=57 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS58_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS58_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=58 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS59_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS59_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=59 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS60_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS60_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=60 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS61_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x43, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS61_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=61 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS62_NR0_A1_S3)

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```

        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x43, 0xe0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS62_NR0_A1_S3, 14)

FIELD(RR_D3_NS63_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x43, 0xf0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS63_NR0_A1_S3, 14)

FIELD(RR_D3_NS64_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x00, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS64_NR0_A1_S3, 14)

FIELD(RR_D3_NS65_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x10, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS65_NR0_A1_S3, 14)

FIELD(RR_D3_NS66_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x20, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS66_NR0_A1_S3, 14)

FIELD(RR_D3_NS67_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x30, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS67_NR0_A1_S3, 14)

FIELD(RR_D3_NS68_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x40, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS68_NR0_A1_S3, 14)

FIELD(RR_D3_NS69_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x44, 0x50, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS69_NR0_A1_S3, 14)

FIELD(RR_D3_NS70_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,

```

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=62 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=63 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=64 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=65 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=66 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=67 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=68 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=69 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/

|  |  |
|--|--|
| 0x44, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS70_NR0_A1_S3, 14)  | /* I frame: N(S)=70 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS71_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS71_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=71 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS72_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS72_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=72 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS73_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS73_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=73 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS74_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS74_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=74 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS75_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS75_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=75 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS76_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS76_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=76 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS77_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS77_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=77 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS78_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x44, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                       | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=78 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS78\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS79\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x44, 0x00, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS79\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=79 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS80\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x00, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS80\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=80 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS81\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x10, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS81\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=81 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS82\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x20, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS82\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=82 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS83\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x30, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS83\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=83 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS84\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x40, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS84\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=84 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS85\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x50, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS85\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=85 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS86\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x45, 0x60, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS86\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=86 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

```

FIELD(RR_D3_NS87_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS87_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=87 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS88_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS88_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=88 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS89_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS89_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=89 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS90_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS90_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=90 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS91_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS91_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=91 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS92_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS92_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=92 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS93_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS93_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=93 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS94_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x45, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS94_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=94 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS95_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

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```

0x03,
0x45, 0x00, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS95_NR0_A1_S3, 14)

FIELD(RR_D3_NS96_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x00, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS96_NR0_A1_S3, 14)

FIELD(RR_D3_NS97_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x10, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS97_NR0_A1_S3, 14)

FIELD(RR_D3_NS98_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x20, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS98_NR0_A1_S3, 14)

FIELD(RR_D3_NS99_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x30, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS99_NR0_A1_S3, 14)

FIELD(RR_D3_NS100_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x40, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS100_NR0_A1_S3, 14)

FIELD(RR_D3_NS101_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x50, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS101_NR0_A1_S3, 14)

FIELD(RR_D3_NS102_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x60, 0x00,
0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS102_NR0_A1_S3, 14)

FIELD(RR_D3_NS103_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00,
0x03,
0x46, 0x70, 0x00,

```

/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=95 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=96 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=97 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=98 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=99 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=100 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=101 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=102 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=103 N(R)=0 A=1 RR \*/

```

        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS103_NR0_A1_S3, 14)

FIELD(RR_D3_NS104_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS104_NR0_A1_S3, 14)

FIELD(RR_D3_NS105_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS105_NR0_A1_S3, 14)

FIELD(RR_D3_NS106_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS106_NR0_A1_S3, 14)

FIELD(RR_D3_NS107_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS107_NR0_A1_S3, 14)

FIELD(RR_D3_NS108_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS108_NR0_A1_S3, 14)

FIELD(RR_D3_NS109_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS109_NR0_A1_S3, 14)

FIELD(RR_D3_NS110_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS110_NR0_A1_S3, 14)

FIELD(RR_D3_NS111_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x46, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS111_NR0_A1_S3, 14)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=104 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=105 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=106 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=107 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=108 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=109 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=110 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=111 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/



```

FIELD(RR_D3_NS112_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS112_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=112 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS113_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS113_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=113 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS114_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS114_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=114 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS115_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS115_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=115 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS116_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS116_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=116 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS117_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS117_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=117 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS118_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS118_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=118 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS119_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x47, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS119_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=119 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS120_NR0_A1_S3)

```

|   |   |
|---|---|
| 0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=120 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS120_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS121_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=121 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS121_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS122_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=122 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS122_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS123_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=123 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS123_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS124_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=124 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS124_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS125_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=125 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS125_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS126_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=126 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS126_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS127_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x47, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=127 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS127_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS128_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */  |

|  |   |
|--|---|
| 0x48, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS128_NR0_A1_S3, 14)   | /* I frame: N(S)=128 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS129_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS129_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=129 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS130_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS130_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=130 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS131_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS131_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=131 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS132_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS132_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=132 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS133_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS133_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=133 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS134_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS134_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=134 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS135_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS135_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=135 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS136_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x48, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=136 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS136\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS137\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0x90, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS137\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=137 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS138\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xa0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS138\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=138 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS139\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xb0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS139\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=139 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS140\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xc0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS140\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=140 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS141\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xd0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS141\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=141 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS142\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xe0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS142\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=142 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS143\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x48, 0xf0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS143\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=143 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS144\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x49, 0x00, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS144\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=144 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

```
FIELD(RR_D3_NS145_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS145_NR0_A1_S3, 14)

FIELD(RR_D3_NS146_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS146_NR0_A1_S3, 14)

FIELD(RR_D3_NS147_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS147_NR0_A1_S3, 14)

FIELD(RR_D3_NS148_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS148_NR0_A1_S3, 14)

FIELD(RR_D3_NS149_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS149_NR0_A1_S3, 14)

FIELD(RR_D3_NS150_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS150_NR0_A1_S3, 14)

FIELD(RR_D3_NS151_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS151_NR0_A1_S3, 14)

FIELD(RR_D3_NS152_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x49, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS152_NR0_A1_S3, 14)

FIELD(RR_D3_NS153_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=145 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=146 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=147 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=148 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=149 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=150 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=151 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=152 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0x90, 0x00, /* I frame: N(S)=153 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS153_NR0_A1_S3, 14)

FIELD(RR_D3_NS154_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xa0, 0x00, /* I frame: N(S)=154 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS154_NR0_A1_S3, 14)

FIELD(RR_D3_NS155_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xb0, 0x00, /* I frame: N(S)=155 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS155_NR0_A1_S3, 14)

FIELD(RR_D3_NS156_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xc0, 0x00, /* I frame: N(S)=156 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS156_NR0_A1_S3, 14)

FIELD(RR_D3_NS157_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xd0, 0x00, /* I frame: N(S)=157 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS157_NR0_A1_S3, 14)

FIELD(RR_D3_NS158_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xe0, 0x00, /* I frame: N(S)=158 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS158_NR0_A1_S3, 14)

FIELD(RR_D3_NS159_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x49, 0xf0, 0x00, /* I frame: N(S)=159 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS159_NR0_A1_S3, 14)

FIELD(RR_D3_NS160_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4a, 0x00, 0x00, /* I frame: N(S)=160 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS160_NR0_A1_S3, 14)

FIELD(RR_D3_NS161_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4a, 0x10, 0x00, /* I frame: N(S)=161 N(R)=0 A=1 RR */

```

```

        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS161_NR0_A1_S3, 14)

FIELD(RR_D3_NS162_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS162_NR0_A1_S3, 14)

FIELD(RR_D3_NS163_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS163_NR0_A1_S3, 14)

FIELD(RR_D3_NS164_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS164_NR0_A1_S3, 14)

FIELD(RR_D3_NS165_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS165_NR0_A1_S3, 14)

FIELD(RR_D3_NS166_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS166_NR0_A1_S3, 14)

FIELD(RR_D3_NS167_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS167_NR0_A1_S3, 14)

FIELD(RR_D3_NS168_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS168_NR0_A1_S3, 14)

FIELD(RR_D3_NS169_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS169_NR0_A1_S3, 14)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=162 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=163 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=164 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=165 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=166 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=167 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=168 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=169 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS170_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS170_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=170 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS171_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS171_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=171 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS172_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS172_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=172 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS173_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS173_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=173 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS174_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS174_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=174 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS175_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4a, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS175_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=175 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS176_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4b, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS176_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=176 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS177_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4b, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS177_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=177 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS178_NR0_A1_S3)

```



|   |   |
|---|---|
| 0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=178 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS178_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS179_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=179 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS179_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS180_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=180 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS180_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS181_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=181 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS181_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS182_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=182 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS182_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS183_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=183 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS183_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS184_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=184 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS184_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS185_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=185 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS185_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS186_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */  |

|  |   |
|--|---|
| 0x4b, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS186_NR0_A1_S3, 14)   | /* I frame: N(S)=186 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS187_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS187_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=187 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS188_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS188_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=188 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS189_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS189_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=189 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS190_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS190_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=190 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS191_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4b, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS191_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=191 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS192_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4c, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS192_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=192 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS193_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4c, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS193_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=193 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS194_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4c, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=194 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS194\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS195\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x30, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS195\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=195 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS196\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x40, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS196\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=196 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS197\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x50, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS197\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=197 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS198\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x60, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS198\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=198 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS199\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x70, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS199\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=199 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS200\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x80, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS200\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=200 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS201\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0x90, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS201\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=201 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS202\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4c, 0xa0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS202\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=202 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

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FIELD(RR_D3_NS203_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4c, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS203_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=203 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS204_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4c, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS204_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=204 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS205_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4c, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS205_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=205 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS206_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4c, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS206_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=206 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS207_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4c, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS207_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=207 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS208_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS208_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=208 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS209_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS209_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=209 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS210_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS210_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=210 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS211_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

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0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x30, 0x00, /* I frame: N(S)=211 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS211_NR0_A1_S3, 14)

FIELD(RR_D3_NS212_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x40, 0x00, /* I frame: N(S)=212 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS212_NR0_A1_S3, 14)

FIELD(RR_D3_NS213_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x50, 0x00, /* I frame: N(S)=213 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS213_NR0_A1_S3, 14)

FIELD(RR_D3_NS214_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x60, 0x00, /* I frame: N(S)=214 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS214_NR0_A1_S3, 14)

FIELD(RR_D3_NS215_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x70, 0x00, /* I frame: N(S)=215 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS215_NR0_A1_S3, 14)

FIELD(RR_D3_NS216_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x80, 0x00, /* I frame: N(S)=216 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS216_NR0_A1_S3, 14)

FIELD(RR_D3_NS217_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0x90, 0x00, /* I frame: N(S)=217 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS217_NR0_A1_S3, 14)

FIELD(RR_D3_NS218_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0xa0, 0x00, /* I frame: N(S)=218 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS218_NR0_A1_S3, 14)

FIELD(RR_D3_NS219_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x4d, 0xb0, 0x00, /* I frame: N(S)=219 N(R)=0 A=1 RR */

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        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS219_NR0_A1_S3, 14)

FIELD(RR_D3_NS220_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS220_NR0_A1_S3, 14)

FIELD(RR_D3_NS221_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS221_NR0_A1_S3, 14)

FIELD(RR_D3_NS222_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS222_NR0_A1_S3, 14)

FIELD(RR_D3_NS223_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4d, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS223_NR0_A1_S3, 14)

FIELD(RR_D3_NS224_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS224_NR0_A1_S3, 14)

FIELD(RR_D3_NS225_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS225_NR0_A1_S3, 14)

FIELD(RR_D3_NS226_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS226_NR0_A1_S3, 14)

FIELD(RR_D3_NS227_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS227_NR0_A1_S3, 14)

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/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=220 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=221 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=222 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=223 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=224 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=225 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=226 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=227 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS228_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS228_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=228 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS229_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS229_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=229 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS230_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS230_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=230 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS231_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS231_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=231 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS232_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS232_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=232 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS233_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS233_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=233 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS234_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS234_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=234 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS235_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x4e, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS235_NR0_A1_S3, 14)

```

```

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=235 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

```

```

FIELD(RR_D3_NS236_NR0_A1_S3)

```

```

        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4e, 0xc0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS236_NR0_A1_S3, 14)

FIELD(RR_D3_NS237_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4e, 0xd0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS237_NR0_A1_S3, 14)

FIELD(RR_D3_NS238_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4e, 0xe0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS238_NR0_A1_S3, 14)

FIELD(RR_D3_NS239_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4e, 0xf0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS239_NR0_A1_S3, 14)

FIELD(RR_D3_NS240_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4f, 0x00, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS240_NR0_A1_S3, 14)

FIELD(RR_D3_NS241_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4f, 0x10, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS241_NR0_A1_S3, 14)

FIELD(RR_D3_NS242_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4f, 0x20, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS242_NR0_A1_S3, 14)

FIELD(RR_D3_NS243_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x4f, 0x30, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS243_NR0_A1_S3, 14)

FIELD(RR_D3_NS244_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,

```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=236 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=237 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=238 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=239 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=240 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=241 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=242 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=243 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*



|  |   |
|--|---|
| 0x4f, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS244_NR0_A1_S3, 14)   | /* I frame: N(S)=244 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS245_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS245_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=245 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS246_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS246_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=246 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS247_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS247_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=247 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS248_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS248_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=248 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS249_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS249_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=249 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS250_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS250_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=250 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS251_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS251_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=251 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS252_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x4f, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=252 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS252\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS253\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4f, 0xd0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS253\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=253 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS254\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4f, 0xe0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS254\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=254 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS255\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x4f, 0xf0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS255\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=255 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS256\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x50, 0x00, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS256\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=256 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS257\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x50, 0x10, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS257\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=257 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS258\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x50, 0x20, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS258\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=258 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS259\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x50, 0x30, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS259\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=259 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS260\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x50, 0x40, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS260\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=260 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

```

FIELD(RR_D3_NS261_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS261_NR0_A1_S3, 14)

FIELD(RR_D3_NS262_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS262_NR0_A1_S3, 14)

FIELD(RR_D3_NS263_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS263_NR0_A1_S3, 14)

FIELD(RR_D3_NS264_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS264_NR0_A1_S3, 14)

FIELD(RR_D3_NS265_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS265_NR0_A1_S3, 14)

FIELD(RR_D3_NS266_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS266_NR0_A1_S3, 14)

FIELD(RR_D3_NS267_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS267_NR0_A1_S3, 14)

FIELD(RR_D3_NS268_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x50, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS268_NR0_A1_S3, 14)

FIELD(RR_D3_NS269_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=261 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=262 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=263 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=264 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=265 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=266 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=267 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=268 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x50, 0xd0, 0x00, /* I frame: N(S)=269 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS269_NR0_A1_S3, 14)

FIELD(RR_D3_NS270_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x50, 0xe0, 0x00, /* I frame: N(S)=270 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS270_NR0_A1_S3, 14)

FIELD(RR_D3_NS271_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x50, 0xf0, 0x00, /* I frame: N(S)=271 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS271_NR0_A1_S3, 14)

FIELD(RR_D3_NS272_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x00, 0x00, /* I frame: N(S)=272 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS272_NR0_A1_S3, 14)

FIELD(RR_D3_NS273_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x10, 0x00, /* I frame: N(S)=273 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS273_NR0_A1_S3, 14)

FIELD(RR_D3_NS274_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x20, 0x00, /* I frame: N(S)=274 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS274_NR0_A1_S3, 14)

FIELD(RR_D3_NS275_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x30, 0x00, /* I frame: N(S)=275 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS275_NR0_A1_S3, 14)

FIELD(RR_D3_NS276_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x40, 0x00, /* I frame: N(S)=276 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS276_NR0_A1_S3, 14)

FIELD(RR_D3_NS277_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x51, 0x50, 0x00, /* I frame: N(S)=277 N(R)=0 A=1 RR */

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        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS277_NR0_A1_S3, 14)

FIELD(RR_D3_NS278_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS278_NR0_A1_S3, 14)

FIELD(RR_D3_NS279_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS279_NR0_A1_S3, 14)

FIELD(RR_D3_NS280_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS280_NR0_A1_S3, 14)

FIELD(RR_D3_NS281_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS281_NR0_A1_S3, 14)

FIELD(RR_D3_NS282_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS282_NR0_A1_S3, 14)

FIELD(RR_D3_NS283_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS283_NR0_A1_S3, 14)

FIELD(RR_D3_NS284_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS284_NR0_A1_S3, 14)

FIELD(RR_D3_NS285_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS285_NR0_A1_S3, 14)

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/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=278 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=279 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=280 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=281 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=282 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=283 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=284 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=285 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

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FIELD(RR_D3_NS286_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS286_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=286 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS287_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x51, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS287_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=287 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS288_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS288_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=288 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS289_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS289_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=289 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS290_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS290_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=290 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS291_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS291_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=291 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS292_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS292_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=292 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS293_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x52, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS293_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=293 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS294_NR0_A1_S3)

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        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0x60, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS294_NR0_A1_S3, 14)

FIELD(RR_D3_NS295_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0x70, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS295_NR0_A1_S3, 14)

FIELD(RR_D3_NS296_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0x80, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS296_NR0_A1_S3, 14)

FIELD(RR_D3_NS297_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0x90, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS297_NR0_A1_S3, 14)

FIELD(RR_D3_NS298_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0xa0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS298_NR0_A1_S3, 14)

FIELD(RR_D3_NS299_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0xb0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS299_NR0_A1_S3, 14)

FIELD(RR_D3_NS300_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0xc0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS300_NR0_A1_S3, 14)

FIELD(RR_D3_NS301_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x52, 0xd0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS301_NR0_A1_S3, 14)

FIELD(RR_D3_NS302_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,

```

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=294 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=295 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=296 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=297 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=298 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=299 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=300 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=301 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/

|  |   |
|--|---|
| 0x52, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS302_NR0_A1_S3, 14)   | /* I frame: N(S)=302 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS303_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x52, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS303_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=303 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS304_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS304_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=304 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS305_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS305_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=305 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS306_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS306_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=306 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS307_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS307_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=307 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS308_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS308_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=308 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS309_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS309_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=309 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS310_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x53, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=310 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |



ENDFIELD(RR\_D3\_NS310\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS311\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0x70, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS311\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=311 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS312\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0x80, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS312\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=312 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS313\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0x90, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS313\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=313 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS314\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0xa0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS314\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=314 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS315\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0xb0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS315\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=315 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS316\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0xc0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS316\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=316 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS317\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0xd0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS317\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=317 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

FIELD(RR\_D3\_NS318\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x53, 0xe0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS318\_NR0\_A1\_S3, 14)

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

*/\* PD = 0, C/R = 0, SAPI = 3 \*/*

*/\* I frame: N(S)=318 N(R)=0 A=1 RR \*/*

*/\* FCS: 0x00 for sim. \*/*

```

FIELD(RR_D3_NS319_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x53, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS319_NR0_A1_S3, 14)

FIELD(RR_D3_NS320_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS320_NR0_A1_S3, 14)

FIELD(RR_D3_NS321_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS321_NR0_A1_S3, 14)

FIELD(RR_D3_NS322_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS322_NR0_A1_S3, 14)

FIELD(RR_D3_NS323_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS323_NR0_A1_S3, 14)

FIELD(RR_D3_NS324_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS324_NR0_A1_S3, 14)

FIELD(RR_D3_NS325_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS325_NR0_A1_S3, 14)

FIELD(RR_D3_NS326_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x54, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS326_NR0_A1_S3, 14)

FIELD(RR_D3_NS327_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

```

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=319 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=320 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=321 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=322 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=323 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=324 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=325 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=326 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0x70, 0x00, /* I frame: N(S)=327 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS327_NR0_A1_S3, 14)

FIELD(RR_D3_NS328_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0x80, 0x00, /* I frame: N(S)=328 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS328_NR0_A1_S3, 14)

FIELD(RR_D3_NS329_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0x90, 0x00, /* I frame: N(S)=329 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS329_NR0_A1_S3, 14)

FIELD(RR_D3_NS330_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xa0, 0x00, /* I frame: N(S)=330 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS330_NR0_A1_S3, 14)

FIELD(RR_D3_NS331_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xb0, 0x00, /* I frame: N(S)=331 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS331_NR0_A1_S3, 14)

FIELD(RR_D3_NS332_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xc0, 0x00, /* I frame: N(S)=332 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS332_NR0_A1_S3, 14)

FIELD(RR_D3_NS333_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xd0, 0x00, /* I frame: N(S)=333 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS333_NR0_A1_S3, 14)

FIELD(RR_D3_NS334_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xe0, 0x00, /* I frame: N(S)=334 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS334_NR0_A1_S3, 14)

FIELD(RR_D3_NS335_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x54, 0xf0, 0x00, /* I frame: N(S)=335 N(R)=0 A=1 RR */

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        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS335_NR0_A1_S3, 14)

FIELD(RR_D3_NS336_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS336_NR0_A1_S3, 14)

FIELD(RR_D3_NS337_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS337_NR0_A1_S3, 14)

FIELD(RR_D3_NS338_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS338_NR0_A1_S3, 14)

FIELD(RR_D3_NS339_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS339_NR0_A1_S3, 14)

FIELD(RR_D3_NS340_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS340_NR0_A1_S3, 14)

FIELD(RR_D3_NS341_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS341_NR0_A1_S3, 14)

FIELD(RR_D3_NS342_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS342_NR0_A1_S3, 14)

FIELD(RR_D3_NS343_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS343_NR0_A1_S3, 14)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=336 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=337 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=338 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=339 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=340 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=341 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=342 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=343 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS344_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS344_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=344 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS345_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS345_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=345 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS346_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS346_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=346 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS347_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS347_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=347 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS348_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS348_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=348 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS349_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS349_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=349 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS350_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS350_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=350 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS351_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x55, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS351_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=351 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS352_NR0_A1_S3)

```

|   |   |
|---|---|
| 0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=352 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS352_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS353_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=353 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS353_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS354_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=354 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS354_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS355_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=355 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS355_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS356_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=356 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS356_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS357_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=357 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS357_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS358_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=358 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS358_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS359_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x56, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=359 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS359_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS360_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */  |

```

        0x56, 0x80, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS360_NR0_A1_S3, 14)

FIELD(RR_D3_NS361_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS361_NR0_A1_S3, 14)

FIELD(RR_D3_NS362_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS362_NR0_A1_S3, 14)

FIELD(RR_D3_NS363_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS363_NR0_A1_S3, 14)

FIELD(RR_D3_NS364_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS364_NR0_A1_S3, 14)

FIELD(RR_D3_NS365_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS365_NR0_A1_S3, 14)

FIELD(RR_D3_NS366_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS366_NR0_A1_S3, 14)

FIELD(RR_D3_NS367_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x56, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS367_NR0_A1_S3, 14)

FIELD(RR_D3_NS368_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00

```

/\* I frame: N(S)=360 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=361 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=362 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=363 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=364 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=365 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=366 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=367 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=368 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

ENDFIELD(RR\_D3\_NS368\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS369\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x10, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS369\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=369 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS370\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x20, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS370\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=370 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS371\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x30, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS371\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=371 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS372\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x40, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS372\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=372 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS373\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x50, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS373\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=373 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS374\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x60, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS374\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=374 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS375\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x70, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS375\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=375 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS376\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x57, 0x80, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS376\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=376 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/



```

FIELD(RR_D3_NS377_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS377_NR0_A1_S3, 14)

FIELD(RR_D3_NS378_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS378_NR0_A1_S3, 14)

FIELD(RR_D3_NS379_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS379_NR0_A1_S3, 14)

FIELD(RR_D3_NS380_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS380_NR0_A1_S3, 14)

FIELD(RR_D3_NS381_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS381_NR0_A1_S3, 14)

FIELD(RR_D3_NS382_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS382_NR0_A1_S3, 14)

FIELD(RR_D3_NS383_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x57, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS383_NR0_A1_S3, 14)

FIELD(RR_D3_NS384_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS384_NR0_A1_S3, 14)

FIELD(RR_D3_NS385_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=377 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=378 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=379 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=380 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=381 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=382 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=383 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=384 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*

```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x10, 0x00, /* I frame: N(S)=385 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS385_NR0_A1_S3, 14)

FIELD(RR_D3_NS386_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x20, 0x00, /* I frame: N(S)=386 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS386_NR0_A1_S3, 14)

FIELD(RR_D3_NS387_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x30, 0x00, /* I frame: N(S)=387 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS387_NR0_A1_S3, 14)

FIELD(RR_D3_NS388_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x40, 0x00, /* I frame: N(S)=388 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS388_NR0_A1_S3, 14)

FIELD(RR_D3_NS389_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x50, 0x00, /* I frame: N(S)=389 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS389_NR0_A1_S3, 14)

FIELD(RR_D3_NS390_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x60, 0x00, /* I frame: N(S)=390 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS390_NR0_A1_S3, 14)

FIELD(RR_D3_NS391_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x70, 0x00, /* I frame: N(S)=391 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS391_NR0_A1_S3, 14)

FIELD(RR_D3_NS392_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x80, 0x00, /* I frame: N(S)=392 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS392_NR0_A1_S3, 14)

FIELD(RR_D3_NS393_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x58, 0x90, 0x00, /* I frame: N(S)=393 N(R)=0 A=1 RR */

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        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS393_NR0_A1_S3, 14)

FIELD(RR_D3_NS394_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS394_NR0_A1_S3, 14)

FIELD(RR_D3_NS395_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS395_NR0_A1_S3, 14)

FIELD(RR_D3_NS396_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS396_NR0_A1_S3, 14)

FIELD(RR_D3_NS397_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS397_NR0_A1_S3, 14)

FIELD(RR_D3_NS398_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS398_NR0_A1_S3, 14)

FIELD(RR_D3_NS399_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x58, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS399_NR0_A1_S3, 14)

FIELD(RR_D3_NS400_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS400_NR0_A1_S3, 14)

FIELD(RR_D3_NS401_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS401_NR0_A1_S3, 14)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=394 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=395 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=396 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=397 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=398 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=399 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=400 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=401 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

```
FIELD(RR_D3_NS402_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS402_NR0_A1_S3, 14)

FIELD(RR_D3_NS403_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS403_NR0_A1_S3, 14)

FIELD(RR_D3_NS404_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS404_NR0_A1_S3, 14)

FIELD(RR_D3_NS405_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS405_NR0_A1_S3, 14)

FIELD(RR_D3_NS406_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS406_NR0_A1_S3, 14)

FIELD(RR_D3_NS407_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS407_NR0_A1_S3, 14)

FIELD(RR_D3_NS408_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS408_NR0_A1_S3, 14)

FIELD(RR_D3_NS409_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x59, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS409_NR0_A1_S3, 14)

FIELD(RR_D3_NS410_NR0_A1_S3)
```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=402 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=403 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=404 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=405 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=406 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=407 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=408 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=409 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

```

        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xa0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS410_NR0_A1_S3, 14)

FIELD(RR_D3_NS411_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xb0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS411_NR0_A1_S3, 14)

FIELD(RR_D3_NS412_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xc0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS412_NR0_A1_S3, 14)

FIELD(RR_D3_NS413_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xd0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS413_NR0_A1_S3, 14)

FIELD(RR_D3_NS414_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xe0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS414_NR0_A1_S3, 14)

FIELD(RR_D3_NS415_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x59, 0xf0, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS415_NR0_A1_S3, 14)

FIELD(RR_D3_NS416_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x5a, 0x00, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS416_NR0_A1_S3, 14)

FIELD(RR_D3_NS417_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,
        0x5a, 0x10, 0x00,
        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS417_NR0_A1_S3, 14)

FIELD(RR_D3_NS418_NR0_A1_S3)
        0x50, 0x00, 0x00, 0x00,
        0x03,

```

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=410 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=411 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=412 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=413 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=414 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=415 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=416 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=417 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/

|  |   |
|--|---|
| 0x5a, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS418_NR0_A1_S3, 14)   | /* I frame: N(S)=418 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS419_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS419_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=419 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS420_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS420_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=420 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS421_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS421_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=421 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS422_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS422_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=422 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS423_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS423_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=423 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS424_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS424_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=424 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS425_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS425_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=425 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS426_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5a, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=426 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS426\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS427\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5a, 0xb0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS427\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=427 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS428\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5a, 0xc0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS428\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=428 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS429\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5a, 0xd0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS429\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=429 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS430\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5a, 0xe0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS430\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=430 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS431\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5a, 0xf0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS431\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=431 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS432\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5b, 0x00, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS432\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=432 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS433\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5b, 0x10, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS433\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=433 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS434\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5b, 0x20, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS434\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=434 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS435_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS435_NR0_A1_S3, 14)

FIELD(RR_D3_NS436_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS436_NR0_A1_S3, 14)

FIELD(RR_D3_NS437_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS437_NR0_A1_S3, 14)

FIELD(RR_D3_NS438_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS438_NR0_A1_S3, 14)

FIELD(RR_D3_NS439_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS439_NR0_A1_S3, 14)

FIELD(RR_D3_NS440_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS440_NR0_A1_S3, 14)

FIELD(RR_D3_NS441_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS441_NR0_A1_S3, 14)

FIELD(RR_D3_NS442_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5b, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS442_NR0_A1_S3, 14)

FIELD(RR_D3_NS443_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

```

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=435 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=436 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=437 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=438 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=439 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=440 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=441 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*  
*/\* PD = 0, C/R = 0, SAPI = 3 \*/*  
*/\* I frame: N(S)=442 N(R)=0 A=1 RR \*/*  
*/\* FCS: 0x00 for sim. \*/*

*/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/*



```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5b, 0xb0, 0x00, /* I frame: N(S)=443 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS443_NR0_A1_S3, 14)

FIELD(RR_D3_NS444_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5b, 0xc0, 0x00, /* I frame: N(S)=444 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS444_NR0_A1_S3, 14)

FIELD(RR_D3_NS445_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5b, 0xd0, 0x00, /* I frame: N(S)=445 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS445_NR0_A1_S3, 14)

FIELD(RR_D3_NS446_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5b, 0xe0, 0x00, /* I frame: N(S)=446 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS446_NR0_A1_S3, 14)

FIELD(RR_D3_NS447_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5b, 0xf0, 0x00, /* I frame: N(S)=447 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS447_NR0_A1_S3, 14)

FIELD(RR_D3_NS448_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5c, 0x00, 0x00, /* I frame: N(S)=448 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS448_NR0_A1_S3, 14)

FIELD(RR_D3_NS449_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5c, 0x10, 0x00, /* I frame: N(S)=449 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS449_NR0_A1_S3, 14)

FIELD(RR_D3_NS450_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5c, 0x20, 0x00, /* I frame: N(S)=450 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS450_NR0_A1_S3, 14)

FIELD(RR_D3_NS451_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5c, 0x30, 0x00, /* I frame: N(S)=451 N(R)=0 A=1 RR */

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        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS451_NR0_A1_S3, 14)

FIELD(RR_D3_NS452_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS452_NR0_A1_S3, 14)

FIELD(RR_D3_NS453_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x50, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS453_NR0_A1_S3, 14)

FIELD(RR_D3_NS454_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x60, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS454_NR0_A1_S3, 14)

FIELD(RR_D3_NS455_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x70, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS455_NR0_A1_S3, 14)

FIELD(RR_D3_NS456_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x80, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS456_NR0_A1_S3, 14)

FIELD(RR_D3_NS457_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0x90, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS457_NR0_A1_S3, 14)

FIELD(RR_D3_NS458_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xa0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS458_NR0_A1_S3, 14)

FIELD(RR_D3_NS459_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xb0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS459_NR0_A1_S3, 14)

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=452 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=453 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=454 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=455 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=456 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=457 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=458 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=459 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS460_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xc0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS460_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=460 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS461_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS461_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=461 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS462_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS462_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=462 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS463_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5c, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS463_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=463 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS464_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5d, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS464_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=464 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS465_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5d, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS465_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=465 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS466_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5d, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS466_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=466 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS467_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5d, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS467_NR0_A1_S3, 14)

/* sdu.l_buf = 80, sdu.o_buf = 0 */
/* PD = 0, C/R = 0, SAPI = 3 */
/* I frame: N(S)=467 N(R)=0 A=1 RR */
/* FCS: 0x00 for sim. */

FIELD(RR_D3_NS468_NR0_A1_S3)

```

|   |   |
|---|---|
| 0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00                                 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=468 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS468_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS469_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=469 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS469_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS470_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=470 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS470_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS471_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x70, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=471 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS471_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS472_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x80, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=472 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS472_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS473_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=473 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS473_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS474_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=474 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS474_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS475_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00 | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=475 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| ENDFIELD(RR_D3_NS475_NR0_A1_S3, 14)   |   |
| FIELD(RR_D3_NS476_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */  |

|  |   |
|--|---|
| 0x5d, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS476_NR0_A1_S3, 14)   | /* I frame: N(S)=476 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS477_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS477_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=477 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS478_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS478_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=478 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS479_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5d, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS479_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=479 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS480_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5e, 0x00, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS480_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=480 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS481_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5e, 0x10, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS481_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=481 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS482_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5e, 0x20, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS482_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=482 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS483_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5e, 0x30, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS483_NR0_A1_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=483 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS484_NR0_A1_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x5e, 0x40, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=484 N(R)=0 A=1 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS484\_NR0\_A1\_S3, 14)

FIELD(RR\_D3\_NS485\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0x50, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS485\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=485 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS486\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0x60, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS486\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=486 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS487\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0x70, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS487\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=487 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS488\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0x80, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS488\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=488 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS489\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0x90, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS489\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=489 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS490\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0xa0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS490\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=490 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS491\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0xb0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS491\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=491 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

FIELD(RR\_D3\_NS492\_NR0\_A1\_S3)

0x50, 0x00, 0x00, 0x00,

0x03,

0x5e, 0xc0, 0x00,

0x42, 0x43, 0x44, 0x00, 0x00, 0x00

ENDFIELD(RR\_D3\_NS492\_NR0\_A1\_S3, 14)

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

/\* PD = 0, C/R = 0, SAPI = 3 \*/

/\* I frame: N(S)=492 N(R)=0 A=1 RR \*/

/\* FCS: 0x00 for sim. \*/

```

FIELD(RR_D3_NS493_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5e, 0xd0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS493_NR0_A1_S3, 14)

FIELD(RR_D3_NS494_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5e, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS494_NR0_A1_S3, 14)

FIELD(RR_D3_NS495_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5e, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS495_NR0_A1_S3, 14)

FIELD(RR_D3_NS496_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS496_NR0_A1_S3, 14)

FIELD(RR_D3_NS497_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS497_NR0_A1_S3, 14)

FIELD(RR_D3_NS498_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS498_NR0_A1_S3, 14)

FIELD(RR_D3_NS499_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS499_NR0_A1_S3, 14)

FIELD(RR_D3_NS500_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS500_NR0_A1_S3, 14)

FIELD(RR_D3_NS501_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,

```

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=493 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=494 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=495 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=496 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=497 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=498 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=499 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=500 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/

```

0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0x50, 0x00, /* I frame: N(S)=501 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS501_NR0_A1_S3, 14)

FIELD(RR_D3_NS502_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0x60, 0x00, /* I frame: N(S)=502 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS502_NR0_A1_S3, 14)

FIELD(RR_D3_NS503_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0x70, 0x00, /* I frame: N(S)=503 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS503_NR0_A1_S3, 14)

FIELD(RR_D3_NS504_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0x80, 0x00, /* I frame: N(S)=504 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS504_NR0_A1_S3, 14)

FIELD(RR_D3_NS505_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0x90, 0x00, /* I frame: N(S)=505 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS505_NR0_A1_S3, 14)

FIELD(RR_D3_NS506_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0xa0, 0x00, /* I frame: N(S)=506 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS506_NR0_A1_S3, 14)

FIELD(RR_D3_NS507_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0xb0, 0x00, /* I frame: N(S)=507 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS507_NR0_A1_S3, 14)

FIELD(RR_D3_NS508_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0xc0, 0x00, /* I frame: N(S)=508 N(R)=0 A=1 RR */
0x42, 0x43, 0x44, 0x00, 0x00, 0x00 /* FCS: 0x00 for sim. */
ENDFIELD(RR_D3_NS508_NR0_A1_S3, 14)

FIELD(RR_D3_NS509_NR0_A1_S3)
0x50, 0x00, 0x00, 0x00, /* sdu.l_buf = 80, sdu.o_buf = 0 */
0x03, /* PD = 0, C/R = 0, SAPI = 3 */
0x5f, 0xd0, 0x00, /* I frame: N(S)=509 N(R)=0 A=1 RR */

```



```

        0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS509_NR0_A1_S3, 14)

FIELD(RR_D3_NS510_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0xe0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS510_NR0_A1_S3, 14)

FIELD(RR_D3_NS511_NR0_A1_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x5f, 0xf0, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS511_NR0_A1_S3, 14)

/*
  A-Bit = 0
*/
FIELD(RR_D3_NS0_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x00, 0x00, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS0_NR0_A0_S3, 14)

FIELD(RR_D3_NS1_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x00, 0x10, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS1_NR0_A0_S3, 14)

FIELD(RR_D3_NS2_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x00, 0x20, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS2_NR0_A0_S3, 14)

FIELD(RR_D3_NS3_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x00, 0x30, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS3_NR0_A0_S3, 14)

FIELD(RR_D3_NS4_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,
    0x00, 0x40, 0x00,
    0x42, 0x43, 0x44, 0x00, 0x00, 0x00
ENDFIELD(RR_D3_NS4_NR0_A0_S3, 14)

FIELD(RR_D3_NS5_NR0_A0_S3)
    0x50, 0x00, 0x00, 0x00,
    0x03,

```

/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=510 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=511 N(R)=0 A=1 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=0 N(R)=0 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=1 N(R)=0 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=2 N(R)=0 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=3 N(R)=0 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/  
/\* I frame: N(S)=4 N(R)=0 A=0 RR \*/  
/\* FCS: 0x00 for sim. \*/

/\* sdu.l\_buf = 80, sdu.o\_buf = 0 \*/  
/\* PD = 0, C/R = 0, SAPI = 3 \*/

|  |   |
|--|---|
| 0x00, 0x50, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS5_NR0_A0_S3, 14)   | /* I frame: N(S)=5 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS6_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x00, 0x60, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS6_NR0_A0_S3, 14)     | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=6 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */   |
| FIELD(RR_D3_NS505_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0x90, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS505_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=505 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS506_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xa0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS506_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=506 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS507_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xb0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS507_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=507 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS508_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xc0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS508_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=508 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS509_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xd0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS509_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=509 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS510_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xe0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00<br>ENDFIELD(RR_D3_NS510_NR0_A0_S3, 14) | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=510 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |
| FIELD(RR_D3_NS511_NR0_A0_S3)<br>0x50, 0x00, 0x00, 0x00,<br>0x03,<br>0x1f, 0xf0, 0x00,<br>0x42, 0x43, 0x44, 0x00, 0x00, 0x00  | /* sdu.l_buf = 80, sdu.o_buf = 0 */<br>/* PD = 0, C/R = 0, SAPI = 3 */<br>/* I frame: N(S)=511 N(R)=0 A=0 RR */<br>/* FCS: 0x00 for sim. */ |

ENDFIELD(RR\_D3\_NS511\_NR0\_A0\_S3, 14)

/\*

## 2.3 Declarations

NOTE: This section must be located behind all other parameter sections due to function calls in the DECLARATION macro. The only exceptions are the following two sections (Parameter Arrays / Parameter Structures) which contain the definitions of the declarations in this section.

\*/

/\*

### 2.3.1 Array declarations

NOTE: The arrays are defined in section 2.4.

\*/

DECLARATION (ARRAY\_8\_NULL)

DECLARATION (A\_REF\_0)

DECLARATION (A\_REF\_1)

DECLARATION (A\_REF\_2)

DECLARATION (A\_REF\_3)

DECLARATION (A\_REF\_4)

DECLARATION (A\_REF\_5)

DECLARATION (A\_REF\_6)

DECLARATION (A\_REF\_7)

DECLARATION (A\_REF\_8)

DECLARATION (A\_REF\_9)

DECLARATION (A\_REF\_10)

DECLARATION (A\_REF\_11)

DECLARATION (A\_REF\_12)

DECLARATION (A\_REF\_13)

DECLARATION (A\_REF\_14)

DECLARATION (A\_REF\_15)

DECLARATION (A\_REF\_16)

DECLARATION (A\_REF\_17)

DECLARATION (A\_REF\_18)

DECLARATION (A\_REF\_19)

DECLARATION (A\_REF\_20)

DECLARATION (A\_REF\_21)

DECLARATION (A\_REF\_22)

DECLARATION (A\_REF\_23)

DECLARATION (A\_REF\_24)

DECLARATION (A\_REF\_25)

DECLARATION (A\_REF\_26)

DECLARATION (A\_REF\_27)

DECLARATION (A\_REF\_28)

DECLARATION (A\_REF\_29)

DECLARATION (A\_REF\_30)

DECLARATION (A\_REF\_31)

/\*

### 2.3.2 Structure declarations

NOTE: The arrays are defined in section 2.5.

\*/

DECLARATION (LLREQ\_QOS\_DEL4\_REL3)

DECLARATION (LLREQ\_QOS\_DEL4\_REL5)

DECLARATION (GRRREQ\_QOS\_PEAKSUB)  
DECLARATION (LLGMM\_KC\_NULL)

DECLARATION (REF\_0)  
DECLARATION (REF\_1)  
DECLARATION (REF\_2)  
DECLARATION (REF\_3)  
DECLARATION (REF\_4)  
DECLARATION (REF\_5)  
DECLARATION (REF\_6)  
DECLARATION (REF\_7)  
DECLARATION (REF\_8)  
DECLARATION (REF\_9)  
DECLARATION (REF\_10)  
DECLARATION (REF\_11)  
DECLARATION (REF\_12)  
DECLARATION (REF\_13)  
DECLARATION (REF\_14)  
DECLARATION (REF\_15)  
DECLARATION (REF\_16)  
DECLARATION (REF\_17)  
DECLARATION (REF\_18)  
DECLARATION (REF\_19)  
DECLARATION (REF\_20)  
DECLARATION (REF\_21)  
DECLARATION (REF\_22)  
DECLARATION (REF\_23)  
DECLARATION (REF\_24)  
DECLARATION (REF\_25)  
DECLARATION (REF\_26)  
DECLARATION (REF\_27)  
DECLARATION (REF\_28)  
DECLARATION (REF\_29)  
DECLARATION (REF\_30)  
DECLARATION (REF\_31)

/\*

## 2.4 Parameter Arrays

NOTE: The arrays have been declared in section 2.3.

\*/

/\*

### 2.4.1 LLGMM Ciphering key Kc

\*/

BEGINARRAY (ARRAY\_8\_NULL, 8)  
0, 0, 0, 0, 0, 0, 0, 0

ENDARRAY

/\*

## 2.5 Parameter Structures

NOTE: The structures have been declared in section 2.3.

\*/

/\*

### 2.5.1 LL QoS Structures

```

*/
BEGIN_PSTRUCT ("ll_qos", LLREQ_QOS_DEL4_REL3)
    SET_COMP ("delay", LL_DELAY_4)
    SET_COMP ("relclass", LL_RLC_PROT)
    SET_COMP ("peak", LL_PEAK_SUB)
    SET_COMP ("preced", LL_PRECED_SUB)
    SET_COMP ("mean", LL_MEAN_SUB)
    SET_COMP ("reserved_1", 0)
    SET_COMP ("reserved_2", 0)
    SET_COMP ("reserved_3", 0)
ENDSTRUCT

BEGIN_PSTRUCT ("ll_qos", LLREQ_QOS_DEL4_REL5)
    SET_COMP ("delay", LL_DELAY_4)
    SET_COMP ("relclass", LL_NO_REL)
    SET_COMP ("peak", LL_PEAK_SUB)
    SET_COMP ("preced", LL_PRECED_SUB)
    SET_COMP ("mean", LL_MEAN_SUB)
    SET_COMP ("reserved_1", 0)
    SET_COMP ("reserved_2", 0)
    SET_COMP ("reserved_3", 0)
ENDSTRUCT
/*

```

### 2.5.2 GRR QoS Structures

```

*/
/*
NOTE: GRR must only regard the member "peak" of the profiles. Thus, all other members may be skipped. Unfortunately, this is not possible, so they are also set to their subscribed values by the protocol stack when running in _SIMULATION_ mode.
*/

```

```

BEGIN_PSTRUCT ("grr_qos", GRRREQ_QOS_PEAKSUB)
    SET_COMP ("delay", GRR_DELAY_SUB)
    SET_COMP ("relclass", GRR_RELCLASS_SUB)
    SET_COMP ("peak", GRR_PEAK_SUB)
    SET_COMP ("preced", GRR_PRECED_SUB)
    SET_COMP ("mean", GRR_MEAN_SUB)
    SET_COMP ("reserved_1", 0)
    SET_COMP ("reserved_2", 0)
    SET_COMP ("reserved_3", 0)
ENDSTRUCT
/*

```

### 2.5.3 LLGMM Ciphering key Kc

```

*/
BEGIN_PSTRUCT ("llgmm_kc", LLGMM_KC_NULL)
    SET_COMP ("key", ARRAY_8_NULL)
ENDSTRUCT

/*

```

### 2.5.4 LL Reference Structs

```

*/
BEGIN_PSTRUCT ("reference1", REF_0)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_0)

```

ENDSTRUCT

```
BEGIN_PSTRUCT ("reference1", REF_1)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_1)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_2)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_2)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_3)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_3)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_4)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_4)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_5)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_5)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_6)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_6)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_7)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_7)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_8)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_8)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_9)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_9)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_10)
    SET_COMP ("ref_nsapi", NSAPI_1)
```

```
        SET_COMP ("ref_npdu_num", NPDU_NUM_1)
        SET_COMP ("ref_seg_num", SEGNUM_10)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_11)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_11)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_12)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_12)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_13)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_13)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_14)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_14)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_15)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_15)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_16)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_16)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_17)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_17)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_18)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_18)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_19)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_19)
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("reference1", REF_20)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_20)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_21)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_21)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_22)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_22)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_23)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_23)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_24)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_24)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_25)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_25)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_26)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_26)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_27)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_27)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_28)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_28)
ENDSTRUCT

BEGIN_PSTRUCT ("reference1", REF_29)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_29)
```



ENDSTRUCT

```
BEGIN_PSTRUCT ("reference1", REF_30)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_30)
```

ENDSTRUCT

```
BEGIN_PSTRUCT ("reference1", REF_31)
    SET_COMP ("ref_nsapi", NSAPI_1)
    SET_COMP ("ref_npdu_num", NPDU_NUM_1)
    SET_COMP ("ref_seg_num", SEGNUM_31)
```

ENDSTRUCT

```
BEGIN_PSTRUCT_ARRAY (A_REF_0, 1) REF_0 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_1, 1) REF_1 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_2, 1) REF_2 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_3, 1) REF_3 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_4, 1) REF_4 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_5, 1) REF_5 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_6, 1) REF_6 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_7, 1) REF_7 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_8, 1) REF_8 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_9, 1) REF_9 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_10, 1) REF_10 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_11, 1) REF_11 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_12, 1) REF_12 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_13, 1) REF_13 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_14, 1) REF_14 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_15, 1) REF_15 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_16, 1) REF_16 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_17, 1) REF_17 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_18, 1) REF_18 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_19, 1) REF_19 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_20, 1) REF_20 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_21, 1) REF_21 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_22, 1) REF_22 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_23, 1) REF_23 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_24, 1) REF_24 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_25, 1) REF_25 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_26, 1) REF_26 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_27, 1) REF_27 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_28, 1) REF_28 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_29, 1) REF_29 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_30, 1) REF_30 ENDARRAY
BEGIN_PSTRUCT_ARRAY (A_REF_31, 1) REF_31 ENDARRAY
```

### 3 TEST CASES

#### 3.1 Routing (internal) (LLC000)

##### 3.1.1 LLC000: Setup Routing and PCO View for LLC Tests

Description:

Routings for LLC tests are set

Preamble:

None

|                                 | GMM | L3 | LLC | RLC/MAC |
|---------------------------------|-----|----|-----|---------|
|                                 |     |    |     |         |
| COMMAND (TAP RESET)             |     |    |     |         |
| COMMAND (GMM RESET)             |     |    |     |         |
| COMMAND (SMS RESET)             |     |    |     |         |
| COMMAND (SND RESET)             |     |    |     |         |
| COMMAND (LLC RESET)             |     |    |     |         |
| COMMAND (GRR RESET)             |     |    |     |         |
|                                 |     |    |     |         |
| COMMAND (TAP REDIRECT CLEAR)    |     |    |     |         |
| COMMAND (GMM REDIRECT CLEAR)    |     |    |     |         |
| COMMAND (SMS REDIRECT CLEAR)    |     |    |     |         |
| COMMAND (SND REDIRECT CLEAR)    |     |    |     |         |
| COMMAND (LLC REDIRECT CLEAR)    |     |    |     |         |
| COMMAND (GRR REDIRECT CLEAR)    |     |    |     |         |
|                                 |     |    |     |         |
| COMMAND (GMM REDIRECT LLC NULL) |     |    |     |         |
| COMMAND (SMS REDIRECT LLC NULL) |     |    |     |         |
| COMMAND (SND REDIRECT LLC NULL) |     |    |     |         |
| COMMAND (GRR REDIRECT LLC NULL) |     |    |     |         |
|                                 |     |    |     |         |
| COMMAND (LLC REDIRECT GMM TAP)  |     |    |     |         |
| COMMAND (LLC REDIRECT SMS TAP)  |     |    |     |         |
| COMMAND (LLC REDIRECT SND TAP)  |     |    |     |         |
| COMMAND (LLC REDIRECT GRR TAP)  |     |    |     |         |
|                                 |     |    |     |         |
| COMMAND (TAP REDIRECT TAP LLC)  |     |    |     |         |
|                                 |     |    |     |         |

Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

## History:

|             |    |                      |
|-------------|----|----------------------|
| 06-Oct-1999 | DB | Initial              |
| 28-Jan-2000 | DB | Changed SNDCP to SND |

### 3.2 TLLI assignment/unassignment (LLC001 – LLC009)

#### 3.2.1 LLC001: TLLI assignment (no ciphering), LLC ready

## Description:

LLC receives the primitive LLGMM\_ASSIGN\_REQ. LLC enters state 'TLLI Assigned/ADM'. LLC is ready to receive unacknowledged data frames.

## Preamble:

LLC000

|     | GMM | L3               | LLC | RLC/MAC |
|-----|-----|------------------|-----|---------|
| (1) |     |                  |     |         |
|     |     | LLGMM_ASSIGN_REQ |     |         |
|     |     | *=====>*         |     |         |
| (2) |     | LL_UNITREADY_IND |     |         |
|     |     | *<=====*         |     |         |
| (3) |     | LL_UNITREADY_IND |     |         |
|     |     | *<=====*         |     |         |
| (4) |     | LL_UNITREADY_IND |     |         |
|     |     | *<=====*         |     |         |
| (5) |     | LL_UNITREADY_IND |     |         |
|     |     | *<=====*         |     |         |
| (6) |     | LL_UNITREADY_IND |     |         |
|     |     | *<=====*         |     |         |
|     |     |                  |     |         |

## Parametrization:

| Primitive            | Parameter   | Value  |
|----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial  |
| 25-Nov-1999 | DB | Removed parameter assign, used old_tlli/new_tlli instead |
| 30-Nov-1999 | DB | Removed flow control for SAPI 1                          |
| 18-Feb-2000 | DB | Changed tlli of primitives to NOT_USED                   |

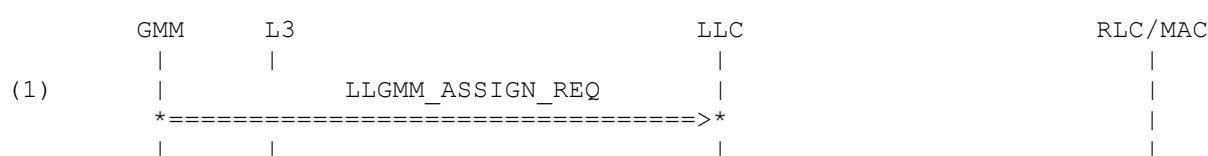
**3.2.2 LLC002: TLLI assignment (no ciphering), LLC not ready**

## Description:

LLC receives the primitive LLGMM\_ASSIGN\_REQ. LLC enters state 'TLLI Assigned/ADM'. LLC is not ready to receive unacknowledged data frames.

## Preamble:

LLC003



## Parametrization:

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial  |
| 25-Nov-1999 | DB | Removed parameter assign, used old_tlli/new_tlli instead |

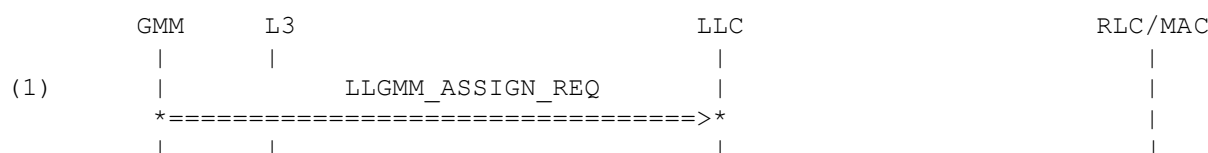
**3.2.3 LLC003: TLLI unassignment (no ciphering)**

## Description:

LLC receives the primitive LLGMM\_ASSIGN\_REQ. LLC enters state 'TLLI Assigned/ADM'. LLC is ready to receive unacknowledged data frames.

## Preamble:

LLC001



## Parametrization:

| Primitive            | Parameter | Value              |
|----------------------|-----------|--------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli  | TLLI_LOCAL_1       |
|                      | new_tlli  | LLGMM_TLLI_INVALID |

llgmm\_kc  
ciphering\_algorithm

LLGMM\_KC\_NULL  
LLGMM\_CIPHER\_NO\_ALGORITHM

## History:

|             |    |  |
|-------------|----|--|
| 15-Sep-1999 | DB | Initial  |
| 25-Nov-1999 | DB | Removed parameter assign, used old_tlli/new_tlli instead |

### 3.3 XID Negotiation (LLC050 – LLC099)

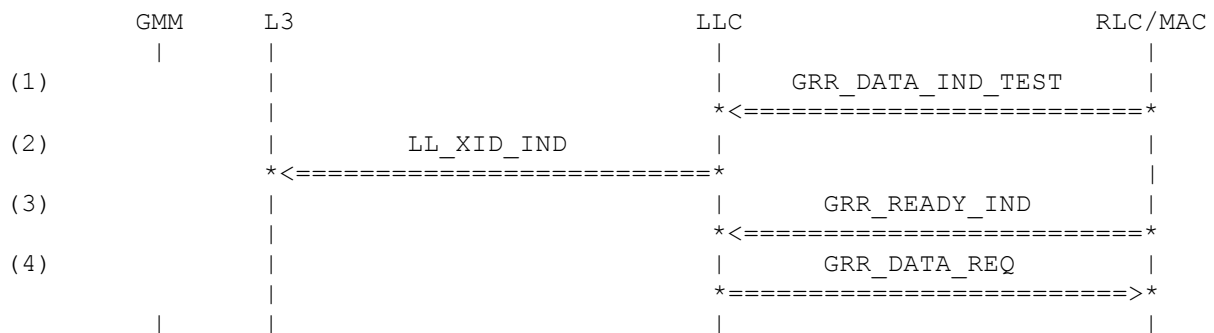
#### 3.3.1 LLC050: Negotiation of acceptable parameters on SAPI 1 (Version, N201-U)

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter         | Value                |
|-----------------------|-------------------|----------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1         |
|                       | sdu               | XID1_VE0_NU500_SAPI1 |
| (2) LL_XID_IND        | sapi              | LL_SAPI_1            |
|                       | tlli              | TLLI_LOCAL_1         |
|                       | n201_u            | N201_U_500           |
|                       | n201_i            | NOT_USED             |
|                       | xid_valid         | LL_XID_INVALID       |
|                       | sdu               | NOT_USED             |
| (3) GRR_READY_IND     |                   |                      |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_1            |
|                       | tlli              | TLLI_LOCAL_1         |
|                       | grr_qos           | NOT_USED             |
|                       | radio_prio        | GRR_RADIO_PRIO_1     |
|                       | cause             | GRR_DTACS_DEF        |
|                       | reserved_data_req | NOT_USED             |
|                       | sdu               | XID1_VE0_NU500_SAPI1 |
|                       |                   |                      |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 06-Jan-2000 | DB | Initial                          |
| 10-Jan-2000 | DB | Inserted xid_valid in LL_XID_IND |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

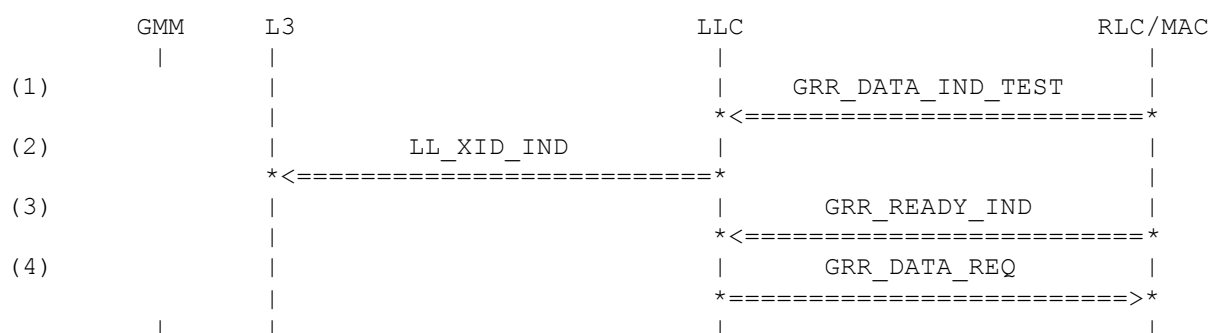
**3.3.2 LLC051: Negotiation of acceptable parameters on SAPI 1 (Version, unknown parameter, N201-U)**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable, the unknown parameter is ignored. LLC sends an XID response containing all known XID parameters.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter         | Value                     |
|-----------------------|-------------------|---------------------------|
| (1) GRR_DATA_IND_TEST | tlfi              | TLLI_LOCAL_1              |
|                       | sdu               | XID1_VE0_XA31_NU500_SAPI1 |
| (2) LL_XID_IND        | sapi              | LL_SAPI_1                 |
|                       | tlfi              | TLLI_LOCAL_1              |
|                       | n201_u            | N201_U_500                |
|                       | n201_i            | NOT_USED                  |
|                       | xid_valid         | LL_XID_INVALID            |
|                       | sdu               | NOT_USED                  |
| (3) GRR_READY_IND     |                   |                           |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_1                 |
|                       | tlfi              | TLLI_LOCAL_1              |
|                       | grr_qos           | NOT_USED                  |
|                       | radio_prio        | GRR_RADIO_PRIO_1          |
|                       | cause             | GRR_DTACS_DEF             |
|                       | reserved_data_req | NOT_USED                  |
|                       | sdu               | XID1_VE0_NU500_SAPI1      |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

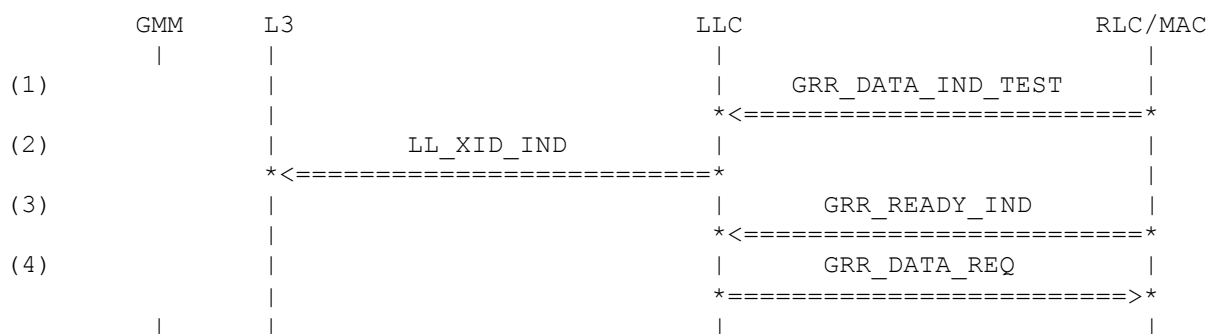
**3.3.3 LLC052: Negotiation of acceptable parameters on SAPI 1 (Version, N201-U, N201-U, N201-U)**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable (all instances of N201-U but the first are ignored). LLC sends an XID response containing the accepted XID parameters.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter         | Value                             |
|-----------------------|-------------------|-----------------------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1                      |
|                       | sdu               | XID1_VE0_NU500_NU750_NU1000_SAPI1 |
|                       |                   |                                   |
| (2) LL_XID_IND        | sapi              | LL_SAPI_1                         |
|                       | tlli              | TLLI_LOCAL_1                      |
|                       | n201_u            | N201_U_500                        |
|                       | n201_i            | NOT_USED                          |
|                       | xid_valid         | LL_XID_INVALID                    |
|                       | sdu               | NOT_USED                          |
| (3) GRR_READY_IND     |                   |                                   |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_1                         |
|                       | tlli              | TLLI_LOCAL_1                      |
|                       | grr_qos           | NOT_USED                          |
|                       | radio_prio        | GRR_RADIO_PRIO_1                  |
|                       | cause             | GRR_DTACS_DEF                     |
|                       | reserved_data_req | NOT_USED                          |
|                       | sdu               | XID1_VE0_NU500_SAPI1              |
|                       |                   |                                   |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

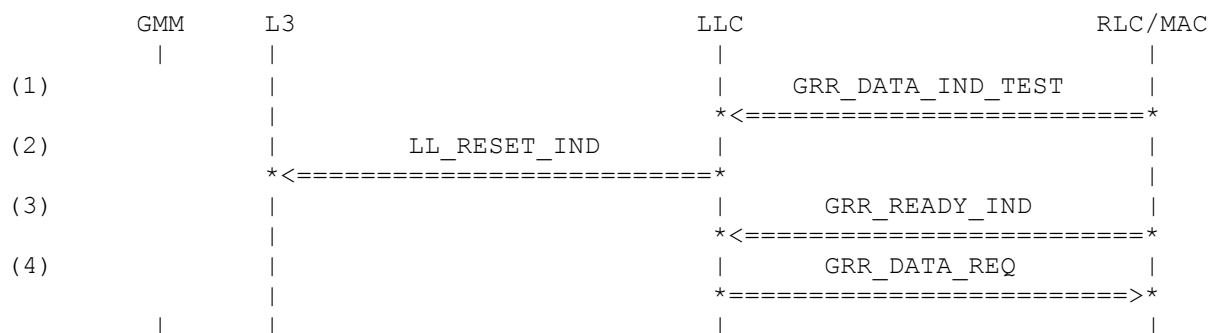
**3.3.4 LLC053: Negotiation of parameter IOV-UI on SAPI 1**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameter is acceptable. LLC sends, as required, an empty XID response confirming the value.

## Preamble:

LLC001

**Parametrization:**

| Primitive             | Parameter         | Value             |
|-----------------------|-------------------|-------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1      |
|                       | sdu               | XID1_IOV_UI_SAPI1 |
| (2) LL_RESET_IND      | sapi              | LL_SAPI_1         |
|                       | tlli              | TLLI_LOCAL_1      |
| (3) GRR_READY_IND     |                   |                   |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_1         |
|                       | tlli              | TLLI_LOCAL_1      |
|                       | grr_qos           | NOT_USED          |
|                       | radio_prio        | GRR_RADIO_PRIO_1  |
|                       | cause             | GRR_DTACS_DEF     |
|                       | reserved_data_req | NOT_USED          |
|                       | sdu               | XID1_SAPI1        |



## History:

17-Aug-2001      GS      Initial

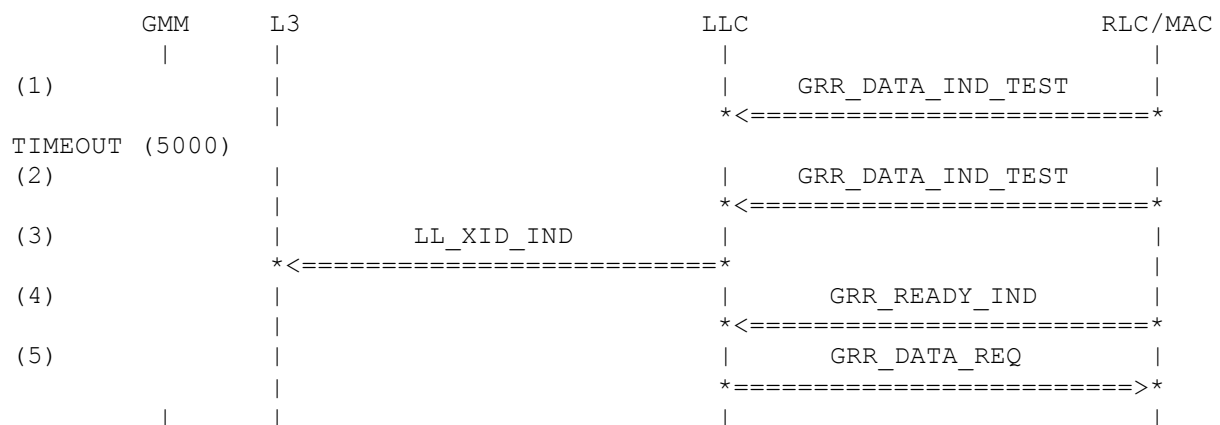
**3.3.5 LLC055: XID information field exceeds SDU length, frame discarded**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The XID information field of the frame exceeds the SDU length, so the frame is discarded. After 5 seconds, LLC receives another primitive. The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID1_EXCEEDSSDULENGTH_SAPI1  |
| (2) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID1_VE0_NU500_SAPI1   |
| (3) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>N201_U_500<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                              |
| (4) GRR_READY_IND     |  |  |
| (5) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_VE0_NU500_SAPI1 |

## History:

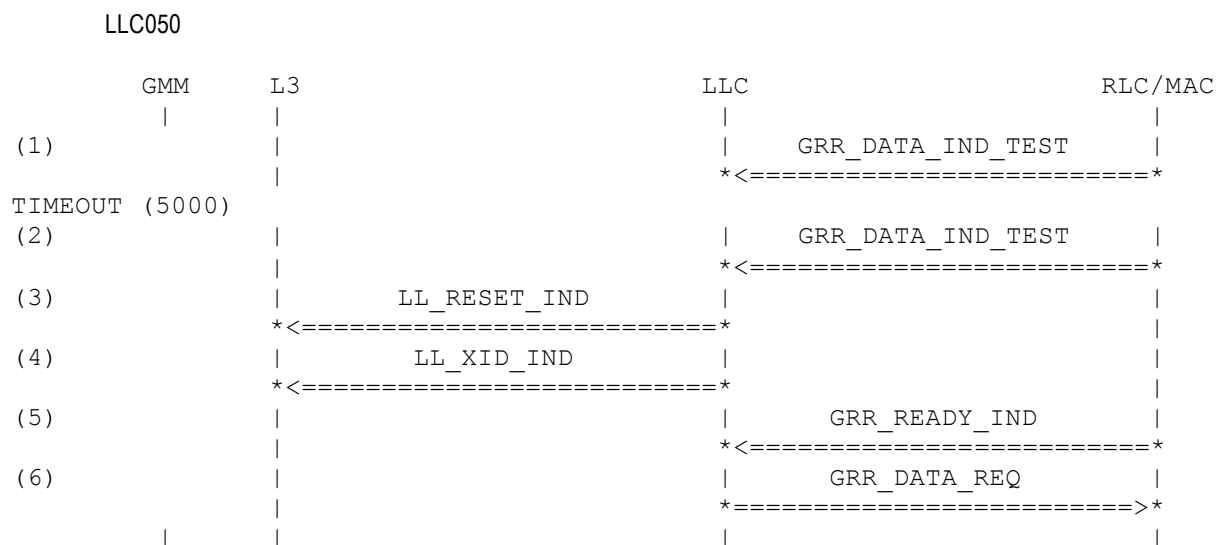
|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.3.6 LLC057: Negotiation (Version, N201-U), invalid XID information field, Reset LLC**

## Description:

LLC has already negotiated N201-U (LLC050). LLC then receives the primitive GRR\_DATA\_IND (U frame: XID command). The XID information field of the frame is invalid (Reset not the first parameter), so the frame is discarded. After 5 seconds, LLC receives another primitive, containing the Reset parameter as first parameter. LLC informs layer 3 of the reset.

## Preamble:



## Parametrization:

| Primitive             | Parameter | Value                   |
|-----------------------|-----------|-------------------------|
| (1) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1            |
|                       | sdu       | XID1_VE0_NU500_RE_SAPI1 |
| (2) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1            |
|                       | sdu       | XID1_RE_VE0_NU500_SAPI1 |
| (3) LL_RESET_IND      | sapi      | LL_SAPI_1               |
|                       | tlli      | TLLI_LOCAL_1            |
| (4) LL_XID_IND        | sapi      | LL_SAPI_1               |
|                       | tlli      | TLLI_LOCAL_1            |
|                       | n201_u    | N201_U_500              |
|                       | n201_i    | NOT_USED                |
|                       | xid_valid | LL_XID_INVALID          |
|                       | sdu       | NOT_USED                |
| (5) GRR_READY_IND     |           |                         |
| (6) GRR_DATA_REQ      | sapi      | LL_SAPI_1               |
|                       | tlli      | TLLI_LOCAL_1            |

|                   |                      |
|-------------------|----------------------|
| grr_qos           | NOT_USED             |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | XID1_VE0_NU500_SAPI1 |

History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

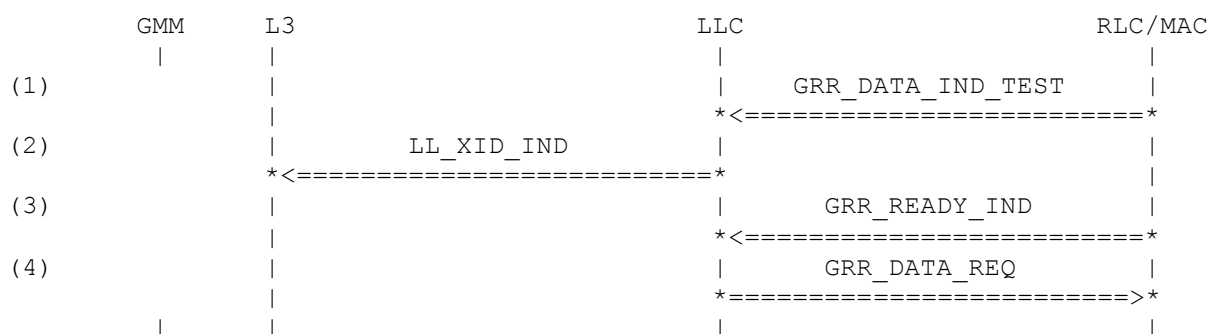
### 3.3.7 LLC058: Negotiation of all parameters with minimum acceptable values on SAPI 3

Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters.

Preamble:

LLC001



Parametrization:

| Primitive             | Parameter         | Value                  |
|-----------------------|-------------------|------------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1           |
|                       | sdu               | XID1_SGSN_ALLMIN_SAPI3 |
| (2) LL_XID_IND        | sapi              | LL_SAPI_3              |
|                       | tlli              | TLLI_LOCAL_1           |
|                       | n201_u            | N201_U_MIN             |
|                       | n201_i            | N201_I_MIN             |
|                       | xid_valid         | LL_XID_INVALID         |
|                       | sdu               | NOT_USED               |
| (3) GRR_READY_IND     |                   |                        |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_3              |
|                       | tlli              | TLLI_LOCAL_1           |
|                       | grr_qos           | NOT_USED               |
|                       | radio_prio        | GRR_RADIO_PRIO_1       |
|                       | cause             | GRR_DTACS_DEF          |
|                       | reserved_data_req | NOT_USED               |
|                       | sdu               | XID1_SGSN_ALLMIN_SAPI3 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 06-Jan-2000 | DB | Initial                          |
| 10-Jan-2000 | DB | Inserted xid_valid in LL_XID_IND |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.3.8 LLC059: Negotiation of all parameters with maximum acceptable values on all SAPIs**

## Description:

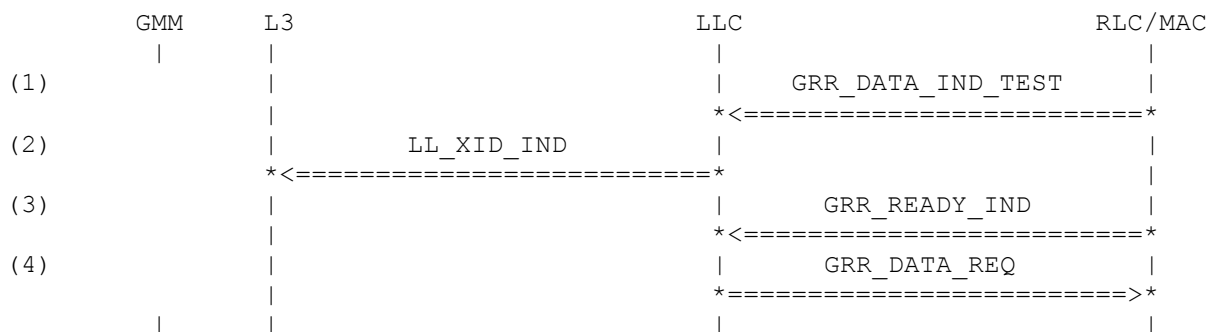
LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;F&gt;



## Parametrization:

| Primitive             | Parameter | Value                   |
|-----------------------|-----------|-------------------------|
| (1) GRR_DATA_IND_TEST |           |                         |
| <A>                   | tlli      | TLLI_LOCAL_1            |
| <B>                   | sdu       | XID1_SGSN_ALLMAX_SAPI1  |
| <C>                   | sdu       | XID1_SGSN_ALLMAX_SAPI3  |
| <D>                   | sdu       | XID1_SGSN_ALLMAX_SAPI5  |
| <E>                   | sdu       | XID1_SGSN_ALLMAX_SAPI7  |
| <F>                   | sdu       | XID1_SGSN_ALLMAX_SAPI9  |
|                       | sdu       | XID1_SGSN_ALLMAX_SAPI11 |
| (2) LL_XID_IND        |           |                         |
| <A>                   | sapi      | LL_SAPI_1               |
| <B>                   | sapi      | LL_SAPI_3               |
| <C>                   | sapi      | LL_SAPI_5               |
| <D>                   | sapi      | LL_SAPI_7               |
| <E>                   | sapi      | LL_SAPI_9               |
| <F>                   | sapi      | LL_SAPI_11              |
|                       | tlli      | TLLI_LOCAL_1            |
|                       | n201_u    | N201_U_MAX              |
| <A>                   | n201_i    | N201_I_ZERO             |
| <B>                   | n201_i    | N201_I_MAX              |
| <C>                   | n201_i    | N201_I_MAX              |
| <D>                   | n201_i    | N201_I_ZERO             |
| <E>                   | n201_i    | N201_I_MAX              |
| <F>                   | n201_i    | N201_I_MAX              |
|                       | xid_valid | LL_XID_INVALID          |
|                       | sdu       | NOT_USED                |

## (3) GRR\_READY\_IND

## (4) GRR\_DATA\_REQ

|     |                   |                         |
|-----|-------------------|-------------------------|
| <A> | sapi              | LL_SAPI_1               |
| <B> | sapi              | LL_SAPI_3               |
| <C> | sapi              | LL_SAPI_5               |
| <D> | sapi              | LL_SAPI_7               |
| <E> | sapi              | LL_SAPI_9               |
| <F> | sapi              | LL_SAPI_11              |
|     | tlli              | TLLI_LOCAL_1            |
|     | grr_qos           | NOT_USED                |
|     | radio_prio        | GRR_RADIO_PRIO_1        |
|     | cause             | GRR_DTACS_DEF           |
|     | reserved_data_req | NOT_USED                |
| <A> | sdu               | XID1_SGSN_ALLMAX_SAPI1  |
| <B> | sdu               | XID1_SGSN_ALLMAX_SAPI3  |
| <C> | sdu               | XID1_SGSN_ALLMAX_SAPI5  |
| <D> | sdu               | XID1_SGSN_ALLMAX_SAPI7  |
| <E> | sdu               | XID1_SGSN_ALLMAX_SAPI9  |
| <F> | sdu               | XID1_SGSN_ALLMAX_SAPI11 |

## History:

|             |    |   |
|-------------|----|---|
| 06-Jan-2000 | DB | Initial   |
| 10-Jan-2000 | DB | Inserted xid_valid in LL_XID_IND                    |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                    |
| 09-Feb-2001 | GS | Rewritten to support all sapis 1, 3, 5, 7, 9 and 11 |

**3.3.9 LLC060: Negotiation of unacceptable parameters on SAPI 1 (Version, N201-U)**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are unacceptable (out-of-range). LLC sends an XID response containing the same XID parameters, but with N201-U set to the current (= default) value.

## Preamble:

LLC001

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_DATA_IND_TEST |         |
|     |     |    | *<=====*          |         |
| (2) |     |    | GRR_READY_IND     |         |
|     |     |    | *<=====*          |         |
| (3) |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>          |         |
|     |     |    |                   |         |

## Parametrization:

| Primitive             | Parameter | Value                |
|-----------------------|-----------|----------------------|
| (1) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1         |
|                       | sdu       | XID1_VE0_NU200_SAPI1 |
| (2) GRR_READY_IND     |           |                      |
| (3) GRR_DATA_REQ      | sapi      | LL_SAPI_1            |
|                       | tlli      | TLLI_LOCAL_1         |

|                   |                      |
|-------------------|----------------------|
| grr_qos           | NOT_USED             |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | XID1_VE0_NU400_SAPI1 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 06-Jan-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.3.10 LLC068: Negotiation of all parameters with one less than minimum values on SAPI 3**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are unacceptable. LLC sends an XID response containing the same XID parameters.  
LLC058 is executed before to ensure that all parameters have minimum values.

## Preamble:

LLC058

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_DATA_IND_TEST |         |
|     |     |    | *<=====*          |         |
| (2) |     |    | GRR_READY_IND     |         |
|     |     |    | *<=====*          |         |
| (3) |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>          |         |
|     |     |    |                   |         |

## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlci<br>sdu<br>XID1_SGSN_ALLLESSTHANMIN_SAPI3                              | TLLI_LOCAL_1   |
| (2) GRR_READY_IND     |  |  |
| (3) GRR_DATA_REQ      | sapi<br>tlci<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_SGSN_ALLMIN_SAPI3 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Jan-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

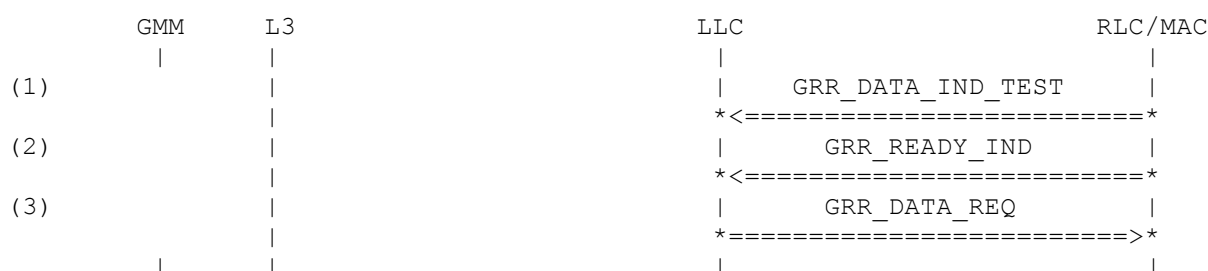
**3.3.11 LLC069: Negotiation of all parameters with one more than maximum values on SAPI 3**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are unacceptable. LLC sends an XID response containing the same XID parameters.  
LLC059B is executed before to ensure that all parameters have maximum values.

## Preamble:

LLC059B



## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu<br>XID1_SGSN_ALLMORETHANMAX_SAPI3                              | TLLI_LOCAL_1<br><br>XID1_SGSN_ALLMAX_SAPI3   |
| (2) GRR_READY_IND     |  |  |
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_SGSN_ALLMAX_SAPI3 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Jan-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.3.12 LLC070: Unacknowledged downlink data transfer, XID negotiation containing only Reset**

## Description:

After two unacknowledged frames have been received in downlink direction, LLC receives an XID command containing the Reset parameter. LLC is being resetted (including N(UR) being set to 0) and LL\_RESET\_IND is sent to layer 3. LLC sends an XID response frame to its peer to complete the negotiation. Another unacknowledged frame is received with N(U) = 0.

## Preamble:

LLC001

|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (3)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (4)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (6)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (7)  |     |                    | GRR_DATA_IND_TEST     |         |
|      |     |                    | *<=====*              |         |
| (8)  |     | LL_RESET_IND       |                       |         |
|      |     | *<=====*           |                       |         |
| (9)  |     |                    | GRR_READY_IND         |         |
|      |     |                    | *<=====*              |         |
| (10) |     |                    | GRR_DATA_REQ          |         |
|      |     |                    | *=====>*              |         |
| (11) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (12) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (13) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
|      |     |                    |                       |         |

**Parametrization:**

| Primitive                 | Parameter   | Value  |
|---------------------------|---|--|
| (1) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (2) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI3   |
| (3) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI3 |
| (4) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (5) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_NU1_SAPI3   |



## (6) LL\_UNITDATA\_IND

|                        |                        |
|------------------------|------------------------|
| sapi                   | LL_SAPI_3              |
| tlli                   | TLLI_LOCAL_1           |
| reserved_unitdata_ind1 | NOT_USED               |
| reserved_unitdata_ind2 | NOT_USED               |
| reserved_unitdata_ind3 | NOT_USED               |
| reserved_unitdata_ind4 | NOT_USED               |
| reserved_unitdata_ind5 | NOT_USED               |
| cipher                 | LL_CIPHER_OFF          |
| sdu                    | LLIND_SDU100_NU1_SAPI3 |

## (7) GRR\_DATA\_IND\_TEST

|      |               |
|------|---------------|
| tlli | TLLI_LOCAL_1  |
| sdu  | XID1_RE_SAPI3 |

## (8) LL\_RESET\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (9) GRR\_READY\_IND

## (10) GRR\_DATA\_REQ

|                   |                  |
|-------------------|------------------|
| sapi              | LL_SAPI_3        |
| tlli              | TLLI_LOCAL_1     |
| grr_qos           | NOT_USED         |
| radio_prio        | GRR_RADIO_PRIO_1 |
| cause             | GRR_DTACS_DEF    |
| reserved_data_req | NOT_USED         |
| sdu               | XID1_SAPI3       |

## (11) LL\_GETUNITDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (12) GRR\_UNITDATA\_IND\_TEST

|      |                          |
|------|--------------------------|
| tlli | TLLI_LOCAL_1             |
| sdu  | GRRIND_DESCLIST100_SAPI3 |

## (13) LL\_UNITDATA\_IND

|                        |                    |
|------------------------|--------------------|
| sapi                   | LL_SAPI_3          |
| tlli                   | TLLI_LOCAL_1       |
| reserved_unitdata_ind1 | NOT_USED           |
| reserved_unitdata_ind2 | NOT_USED           |
| reserved_unitdata_ind3 | NOT_USED           |
| reserved_unitdata_ind4 | NOT_USED           |
| reserved_unitdata_ind5 | NOT_USED           |
| cipher                 | LL_CIPHER_OFF      |
| sdu                    | LLIND_SDU100_SAPI3 |

## History:

28-Aug-2000      SLM      Initial

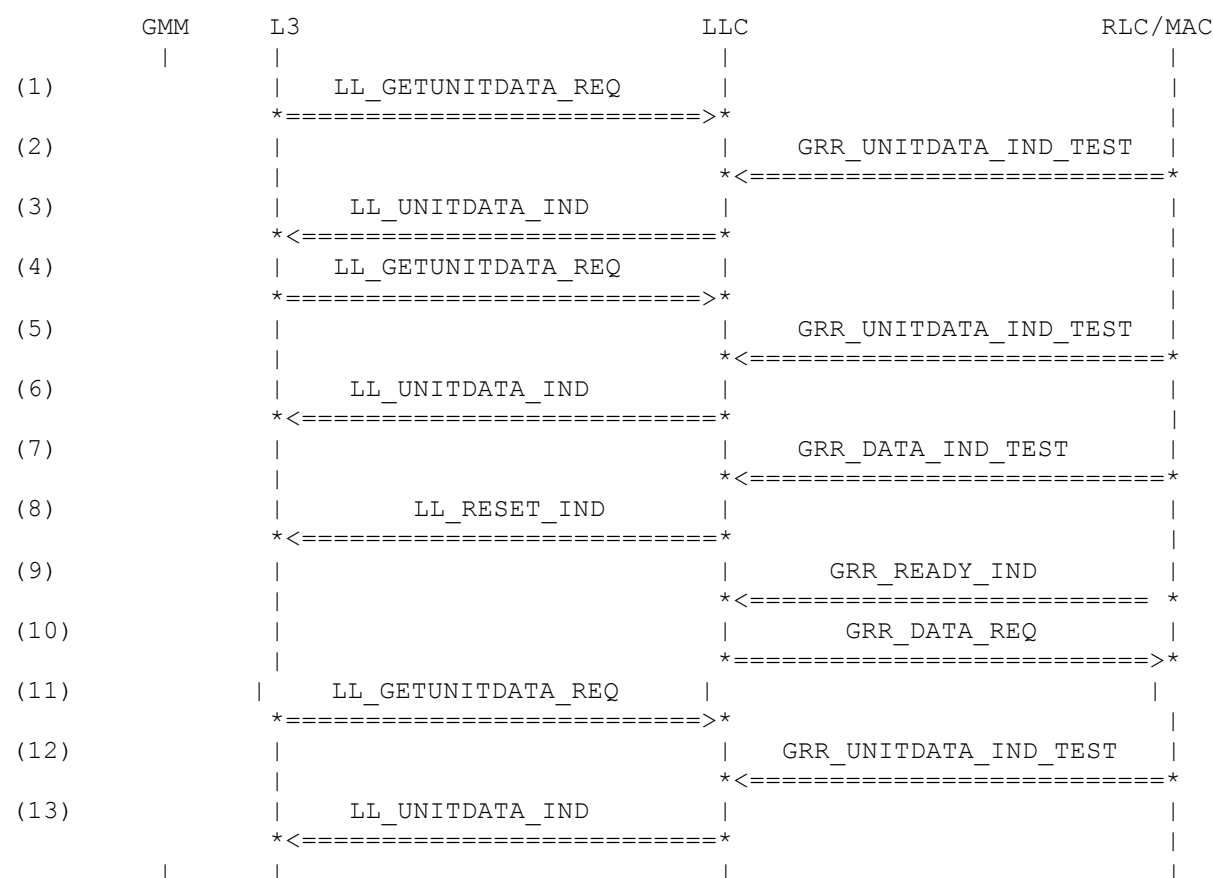
**3.3.13 LLC071: Unacknowledged downlink data transfer, XID negotiation containing Reset**

## Description:

After two unacknowledged frames have been received in downlink direction, LLC receives an XID command containing the Reset parameter. LLC is being resetted (including N(UR) being set to 0) and LL\_RESET\_IND is sent to layer 3. LLC sends an XID response frame to its peer to complete the negotiation. Another unacknowledged frame is received with N(U) = 0.

## Preamble:

LLC001



## Parametrization:

| Primitive                 | Parameter | Value                    |
|---------------------------|-----------|--------------------------|
| (1) LL_GETUNITDATA_REQ    | sapi      | LL_SAPI_3                |
|                           | tlli      | TLLI_LOCAL_1             |
| (2) GRR_UNITDATA_IND_TEST | tlli      | TLLI_LOCAL_1             |
|                           | sdu       | GRRIND_DESCLIST100_SAPI3 |
| (3) LL_UNITDATA_IND       | sapi      | LL_SAPI_3                |
|                           | tlli      | TLLI_LOCAL_1             |

|                            |                        |                              |
|----------------------------|------------------------|------------------------------|
|                            | reserved_unitdata_ind1 | NOT_USED                     |
|                            | reserved_unitdata_ind2 | NOT_USED                     |
|                            | reserved_unitdata_ind3 | NOT_USED                     |
|                            | reserved_unitdata_ind4 | NOT_USED                     |
|                            | reserved_unitdata_ind5 | NOT_USED                     |
|                            | cipher                 | LL_CIPHER_OFF                |
|                            | sdu                    | LLIND_SDU100_SAPI3           |
| (4) LL_GETUNITDATA_REQ     | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
| (5) GRR_UNITDATA_IND_TEST  | tlli                   | TLLI_LOCAL_1                 |
|                            | sdu                    | GRRIND_DESCLIST100_NU1_SAPI3 |
| (6) LL_UNITDATA_IND        | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
|                            | reserved_unitdata_ind1 | NOT_USED                     |
|                            | reserved_unitdata_ind2 | NOT_USED                     |
|                            | reserved_unitdata_ind3 | NOT_USED                     |
|                            | reserved_unitdata_ind4 | NOT_USED                     |
|                            | reserved_unitdata_ind5 | NOT_USED                     |
|                            | cipher                 | LL_CIPHER_OFF                |
|                            | sdu                    | LLIND_SDU100_NU1_SAPI3       |
| (7) GRR_DATA_IND_TEST      | tlli                   | TLLI_LOCAL_1                 |
|                            | sdu                    | XID1_RE_VE0_NU500_SAPI3      |
| (8) LL_RESET_IND           | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
| (9) GRR_READY_IND          |                        |                              |
| (10) GRR_DATA_REQ          | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
|                            | grr_qos                | NOT_USED                     |
|                            | radio_prio             | GRR_RADIO_PRIO_1             |
|                            | cause                  | GRR_DTACS_DEF                |
|                            | reserved_data_req      | NOT_USED                     |
|                            | sdu                    | XID1_VE0_NU500_SAPI3         |
| (11) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
| (12) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1                 |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI3     |
| (13) LL_UNITDATA_IND       | sapi                   | LL_SAPI_3                    |
|                            | tlli                   | TLLI_LOCAL_1                 |
|                            | reserved_unitdata_ind1 | NOT_USED                     |
|                            | reserved_unitdata_ind2 | NOT_USED                     |
|                            | reserved_unitdata_ind3 | NOT_USED                     |
|                            | reserved_unitdata_ind4 | NOT_USED                     |
|                            | reserved_unitdata_ind5 | NOT_USED                     |

cipher  
sduLL\_CIPHER\_OFF  
LLIND\_SDUI00\_SAPI3

## History:

|             |     |                 |
|-------------|-----|-----------------|
| 28-Aug-2000 | SLM | Initial         |
| 23-Feb-2001 | GS  | XID_IND removed |

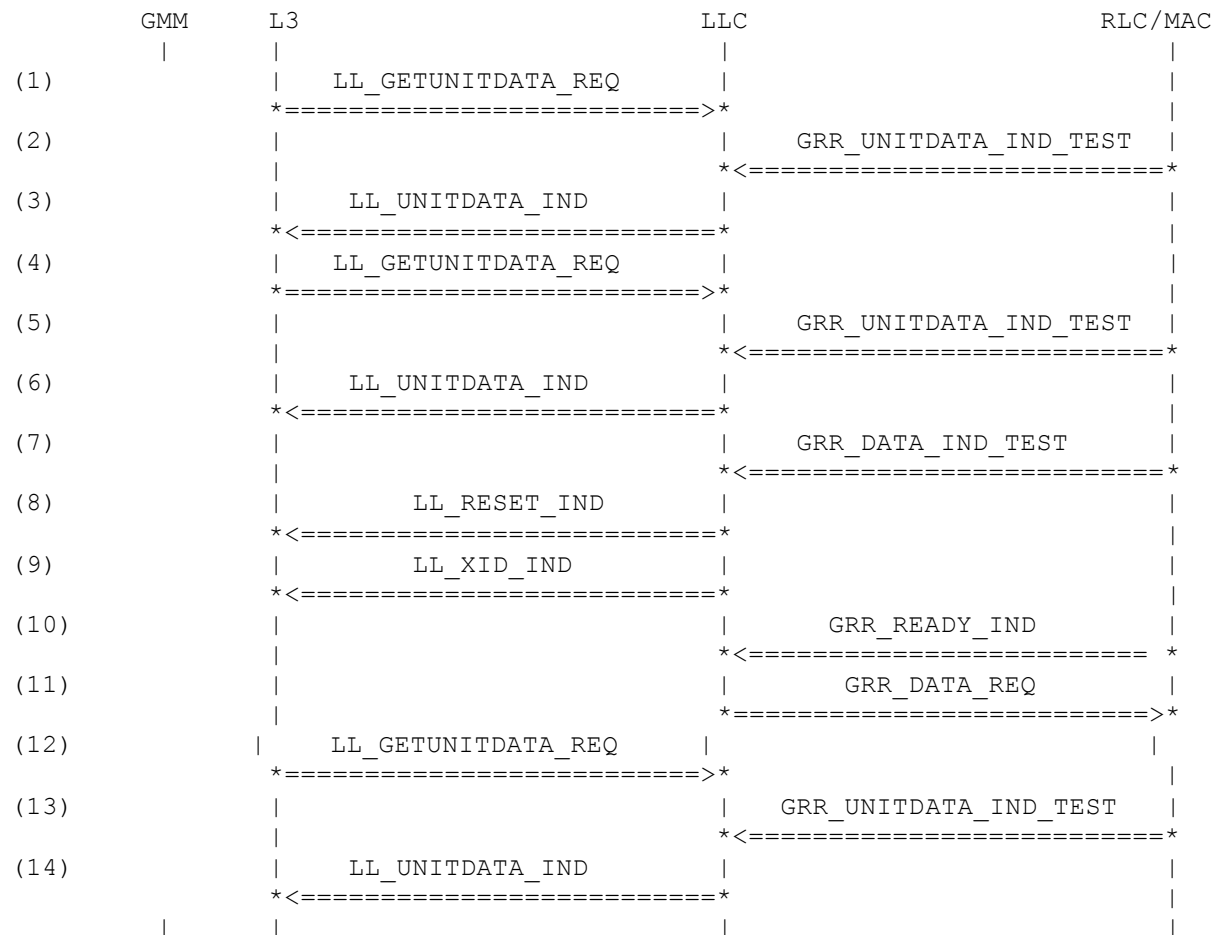
**3.3.14 LLC072: Unacknowledged downlink data transfer, XID negotiation containing Reset**

## Description:

After two unacknowledged frames have been received in downlink direction, LLC receives an XID command containing the Reset parameter. LLC is being resetted (including N(UR) being set to 0) and LL\_RESET\_IND is sent to layer 3. Next an LL\_XID\_IND is sent to indicate that the value of N201-U is changed from default to a new value. LLC sends an XID response frame to its peer to complete the negotiation. Another unacknowledged frame is received with N(U) = 0.

## Preamble:

LLC001



## Parametrization:

| Primitive              | Parameter    | Value                     |
|------------------------|--------------|---------------------------|
| (1) LL_GETUNITDATA_REQ | sapi<br>tlli | LL_SAPI_3<br>TLLI_LOCAL_1 |

|                           |   |  |
|---------------------------|---|--|
| (2) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI3   |
| (3) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI3     |
| (4) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (5) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_NU1_SAPI3   |
| (6) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_NU1_SAPI3 |
| (7) GRR_DATA_IND_TEST     | tlli<br>sdu   | TLLI_LOCAL_1<br>XID1_RE_VE0_NU400_SAPI3  |
| (8) LL_RESET_IND          | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (9) LL_XID_IND            | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED  |
| (10) GRR_READY_IND        |   |  |
| (11) GRR_DATA_REQ         | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_VE0_NU400_SAPI3                   |

## (12) LL\_GETUNITDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (13) GRR\_UNITDATA\_IND\_TEST

|      |                          |
|------|--------------------------|
| tlli | TLLI_LOCAL_1             |
| sdu  | GRRIND_DESCLIST100_SAPI3 |

## (14) LL\_UNITDATA\_IND

|                        |                    |
|------------------------|--------------------|
| sapi                   | LL_SAPI_3          |
| tlli                   | TLLI_LOCAL_1       |
| reserved_unitdata_ind1 | NOT_USED           |
| reserved_unitdata_ind2 | NOT_USED           |
| reserved_unitdata_ind3 | NOT_USED           |
| reserved_unitdata_ind4 | NOT_USED           |
| reserved_unitdata_ind5 | NOT_USED           |
| cipher                 | LL_CIPHER_OFF      |
| sdu                    | LLIND_SDU100_SAPI3 |

## History:

|             |    |         |
|-------------|----|---------|
| 23-Feb-2001 | GS | Initial |
|-------------|----|---------|

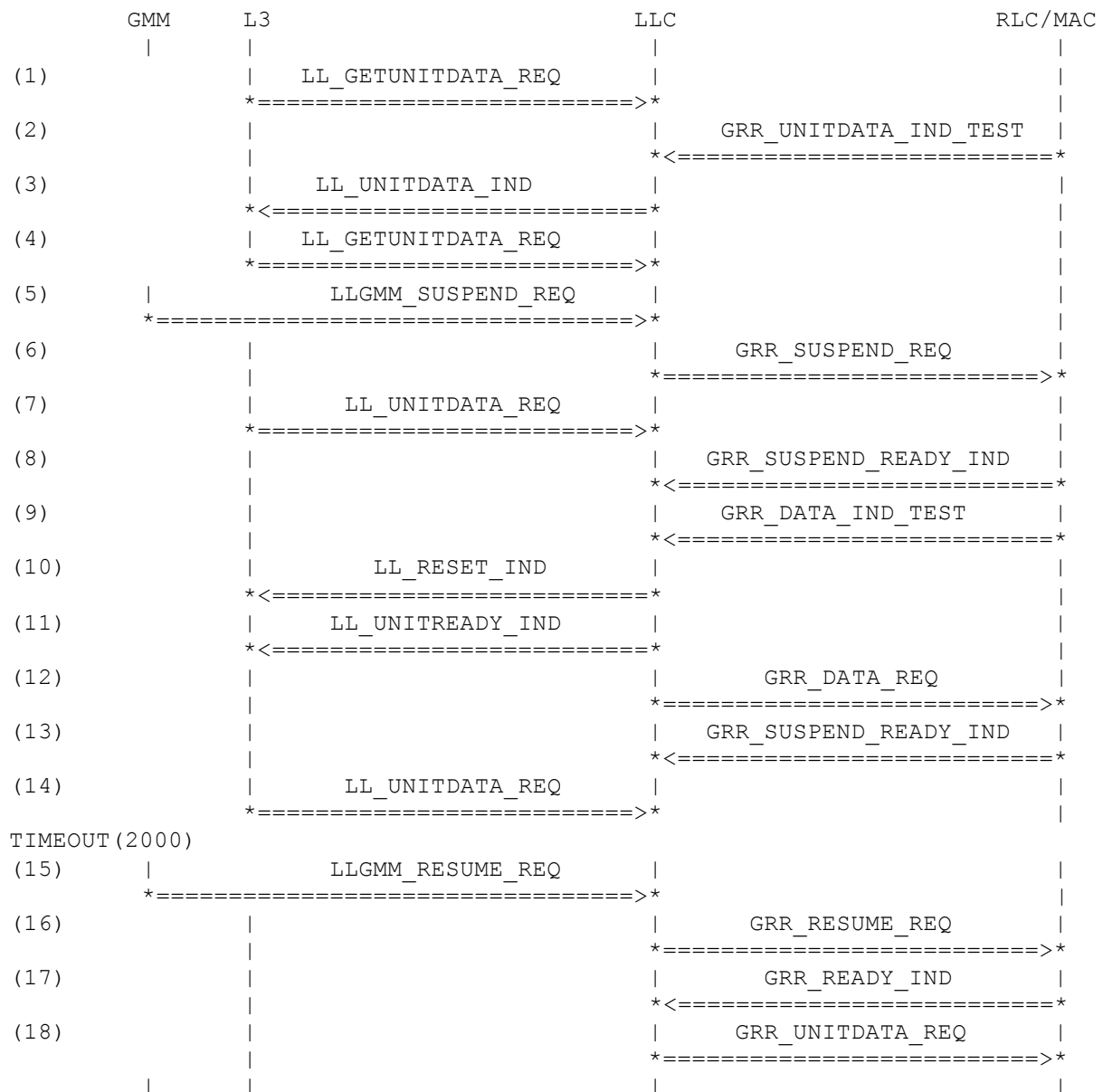
**3.3.15 LLC073: Unacknowledged downlink data transfer, XID negotiation containing Reset**

## Description:

After two unacknowledged frames have been received in downlink direction, LLC is suspended by GMM GRR is not ready to receive data, so the frames are buffered. LLC receives an XID command containing the Reset parameter. LLC is being resetted (including N(UR) being set to 0) and LL\_RESET\_IND is sent to layer 3. All uplink buffers are cleared. Another unacknowledged frame is received with N(U) = 0. Flow control is reestablished RLC/MAC indicates ready, LLC sends the last buffered UI frame containing the layer 3 data.

## Preamble:

LLC001

**Parametrization:**

| Primitive                 | Parameter              | Value                    |
|---------------------------|------------------------|--------------------------|
| (1) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_3                |
|                           | tlli                   | TLLI_LOCAL_1             |
| (2) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1             |
|                           | sdu                    | GRRIND_DESCLIST100_SAPI3 |
| (3) LL_UNITDATA_IND       | sapi                   | LL_SAPI_3                |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | reserved_unitdata_ind1 | NOT_USED                 |
|                           | reserved_unitdata_ind2 | NOT_USED                 |
|                           | reserved_unitdata_ind3 | NOT_USED                 |
|                           | reserved_unitdata_ind4 | NOT_USED                 |

|                            |                        |                         |
|----------------------------|------------------------|-------------------------|
|                            | reserved_unitdata_ind5 | NOT_USED                |
|                            | cipher                 | LL_CIPHER_OFF           |
|                            | sdu                    | LLIND_SDU100_SAPI3      |
| (4) LL_GETUNITDATA_REQ     |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | TLLI_LOCAL_1            |
| (5) LLGMM_SUSPEND_REQ      |                        |                         |
|                            | susp_cause             | LLGMM_RAU               |
| (6) GRR_SUSPEND_REQ        |                        |                         |
| (7) LL_UNITDATA_REQ        |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | TLLI_LOCAL_1            |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL5     |
|                            | radio_prio             | LL_RADIO_PRIO_3         |
|                            | cipher                 | LL_CIPHER_OFF           |
|                            | reserved_unitdata_req1 | NOT_USED                |
|                            | seg_pos                | NOT_USED                |
|                            | attached_counter       | LLC_NO_ATTACHE          |
|                            | reserved_unitdata_req4 | NOT_USED                |
|                            | reserved_unitdata_req5 | NOT_USED                |
|                            | sdu                    | LLREQ_SDU100            |
| (8) GRR_SUSPEND_READY_IND  |                        |                         |
| (9) GRR_DATA_IND_TEST      |                        |                         |
|                            | tlli                   | TLLI_LOCAL_1            |
|                            | sdu                    | XID1_RE_VE0_NU500_SAPI3 |
| (10) LL_RESET_IND          |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | TLLI_LOCAL_1            |
| (11) LL_UNITREADY_IND      |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | LL_TLLI_INVALID         |
| (12) GRR_DATA_REQ          |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | TLLI_LOCAL_1            |
|                            | grr_qos                | NOT_USED                |
|                            | radio_prio             | GRR_RADIO_PRIO_1        |
|                            | cause                  | GRR_DTACS_DEF           |
|                            | reserved_data_req      | NOT_USED                |
|                            | sdu                    | XID1_VE0_NU500_SAPI3    |
| (13) GRR_SUSPEND_READY_IND |                        |                         |
| (14) LL_UNITDATA_REQ       |                        |                         |
|                            | sapi                   | LL_SAPI_3               |
|                            | tlli                   | TLLI_LOCAL_1            |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL5     |
|                            | radio_prio             | LL_RADIO_PRIO_3         |
|                            | cipher                 | LL_CIPHER_OFF           |
|                            | reserved_unitdata_req1 | NOT_USED                |
|                            | seg_pos                | NOT_USED                |
|                            | attached_counter       | LLC_NO_ATTACHE          |
|                            | reserved_unitdata_req4 | NOT_USED                |
|                            | reserved_unitdata_req5 | NOT_USED                |
|                            | sdu                    | LLREQ_SDU100            |



(15) LLGMM\_RESUME\_REQ

(16) GRR\_RESUME\_REQ

(17) GRR\_READY\_IND

(18) GRR\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_3           |
| tlli                   | TLLI_LOCAL_1        |
| grr_qos                | GRRREQ_QOS_PEAKSUB  |
| radio_prio             | LL_RADIO_PRIO_3     |
| reserved_unitdata_req1 | NOT_USED            |
| reserved_unitdata_req2 | NOT_USED            |
| sdu                    | GRRREQ_SDU100_SAPI3 |

History:

|             |    |         |
|-------------|----|---------|
| 22-May-2002 | UT | Initial |
|-------------|----|---------|

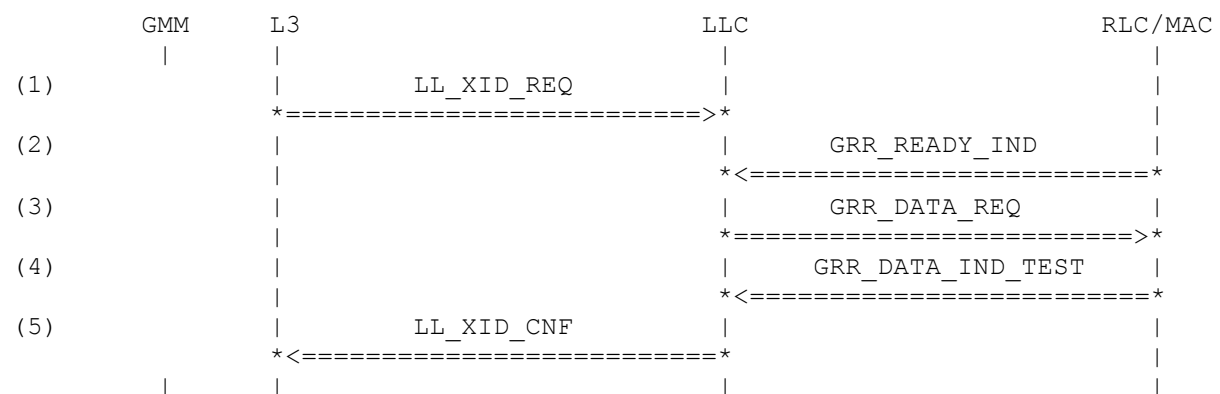
**3.3.16 LLC080: Negotiation of XID parameters on SAPI 3 initiated by SNDCP**

Description:

LLC is assigned and ready to send data. LLC receives a LL\_XID\_REQ and therefor sends a XID command message to its peer entity. The peer answers with a XID response. The layer 3 XID parameters are forwarded to SNDCP in an LL\_XID\_CNF.

Preamble:

LLC001

**Parametrization:**

| Primitive         | Parameter  | Value            |
|-------------------|------------|------------------|
| (1) LL_XID_REQ    | sapi       | LL_SAPI_3        |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | sdu        | EMPTY_SDU        |
| (2) GRR_READY_IND |            |                  |
| (3) GRR_DATA_REQ  | sapi       | LL_SAPI_3        |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | grr_qos    | NOT_USED         |
|                   | radio_prio | GRR_RADIO_PRIO_1 |
|                   | cause      | GRR_DTACS_DEF    |

|                       |                   |                        |
|-----------------------|-------------------|------------------------|
|                       | reserved_data_req | NOT_USED               |
|                       | sdu               | XID_CR0_EMPTY_L3_SAPI3 |
| (4) GRR_DATA_IND_TEST |                   |                        |
|                       | tlli              | TLLI_LOCAL_1           |
|                       | sdu               | XID_CR0_EMPTY_L3_SAPI3 |
| (5) LL_XID_CNF        |                   |                        |
|                       | sapi              | LL_SAPI_3              |
|                       | tlli              | TLLI_LOCAL_1           |
|                       | n201_u            | N201_U_DEF_SAPI3       |
|                       | n201_i            | N201_I_DEF             |
|                       | sdu               | EMPTY_SDU              |

History:

10-Oct-2001

GS

Initial

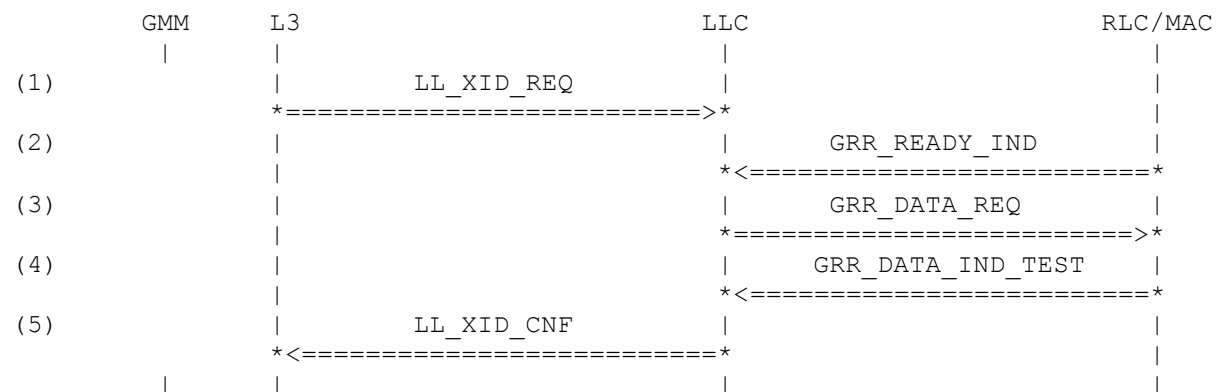
### 3.3.17 LLC081: Negotiation of XID parameters on SAPI 11 initiated by SNDCCP, network answers with all values set to default.

Description:

LLC is assigned and ready to send data. LLC receives a LL\_XID\_REQ and therefor sends a XID command message to its peer entity. The peer answers with a XID response including all default values. The layer 3 XID parameters are forwarded to SNDCCP in an LL\_XID\_CNF.

Preamble:

LLC001



#### Parametrization:

| Primitive         | Parameter  | Value            |
|-------------------|------------|------------------|
| (1) LL_XID_REQ    | sapi       | LL_SAPI_11       |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | sdu        | EMPTY_SDU        |
| (2) GRR_READY_IND |            |                  |
| (3) GRR_DATA_REQ  | sapi       | LL_SAPI_11       |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | grr_qos    | NOT_USED         |
|                   | radio_prio | GRR_RADIO_PRIO_1 |
|                   | cause      | GRR_DTACS_DEF    |

|                       |                   |                         |
|-----------------------|-------------------|-------------------------|
|                       | reserved_data_req | NOT_USED                |
|                       | sdu               | XID_CR0_EMPTY_L3_SAPI11 |
| (4) GRR_DATA_IND_TEST |                   |                         |
|                       | tlli              | TLLI_LOCAL_1            |
|                       | sdu               | XID_CR0_ALL_DEF_SAPI11  |
| (5) LL_XID_CNF        |                   |                         |
|                       | sapi              | LL_SAPI_11              |
|                       | tlli              | TLLI_LOCAL_1            |
|                       | n201_u            | N201_U_DEF_SAPI3        |
|                       | n201_i            | N201_I_DEF              |
|                       | sdu               | EMPTY_SDU               |

History:

11-Oct-2001

GS

Initial

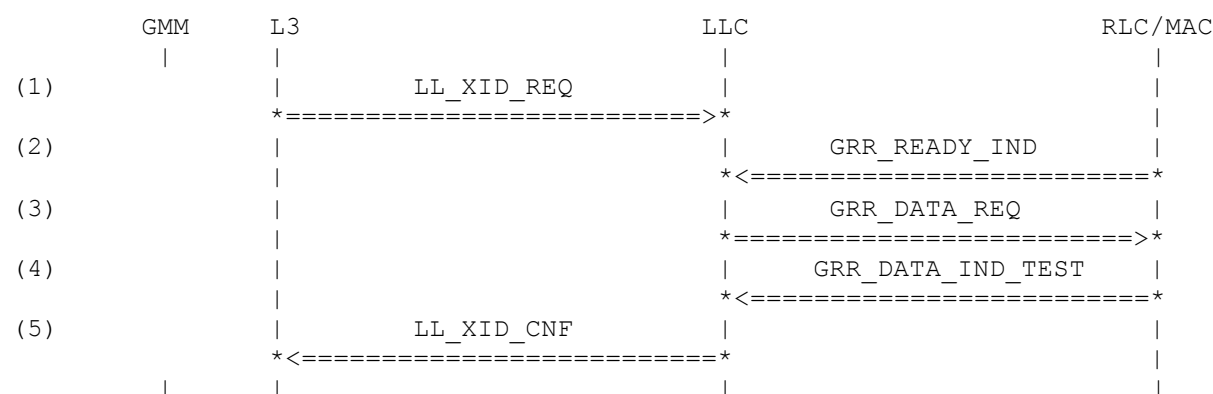
### 3.3.18 LLC082: Negotiation of XID parameters on SAPI 11 initiated by SNDCP, network answers with all - some changed - values.

Description:

LLC is assigned and ready to send data. LLC receives a LL\_XID\_REQ and therefor sends a XID command message to its peer entity. The peer answers with a XID response including all default values. The layer 3 XID parameters are forwarded to SNDCP in an LL\_XID\_CNF.

Preamble:

LLC001



#### Parametrization:

| Primitive         | Parameter  | Value            |
|-------------------|------------|------------------|
| (1) LL_XID_REQ    | sapi       | LL_SAPI_11       |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | sdu        | EMPTY_SDU        |
| (2) GRR_READY_IND |            |                  |
| (3) GRR_DATA_REQ  | sapi       | LL_SAPI_11       |
|                   | tlli       | TLLI_LOCAL_1     |
|                   | grr_qos    | NOT_USED         |
|                   | radio_prio | GRR_RADIO_PRIO_1 |
|                   | cause      | GRR_DTACS_DEF    |

|                       |                   |                         |
|-----------------------|-------------------|-------------------------|
|                       | reserved_data_req | NOT_USED                |
|                       | sdu               | XID_CR0_EMPTY_L3_SAPI11 |
| (4) GRR_DATA_IND_TEST |                   |                         |
|                       | tlli              | TLLI_LOCAL_1            |
|                       | sdu               | XID_CR0_ALL_DIF_SAPI11  |
| (5) LL_XID_CNF        |                   |                         |
|                       | sapi              | LL_SAPI_11              |
|                       | tlli              | TLLI_LOCAL_1            |
|                       | n201_u            | N201_U_DEF_SAPI3        |
|                       | n201_i            | N201_I_DEF              |
|                       | sdu               | EMPTY_SDU               |

## History:

11-Oct-2001

GS

Initial

**3.3.19 LLC083: Restart Negotiation after Reset on SAPI 3, 5, 9, 11**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command) containing the parameters IOV UI and reset. The received XID parameter is acceptable. LLC sends, as required, an empty XID response confirming the value. Additional xid commands are sent on sapi 3, 5, 9, 11 because XID parameter are requested.

## Preamble:

LLC001

|         | GMM  | L3           | LLC               | RLC/MAC     |
|---------|------|--------------|-------------------|-------------|
|         |      |              |                   |             |
| COMMAND | (LLC | CONFIG       | SAPI 3            | N201_U 520) |
| COMMAND | (LLC | CONFIG       | SAPI 5            | N201_U 520) |
| COMMAND | (LLC | CONFIG       | SAPI 9            | N201_U 520) |
| COMMAND | (LLC | CONFIG       | SAPI 11           | N201_U 520) |
| COMMAND | (LLC | CONFIG       | SAPI 3            | N201_I 520) |
| COMMAND | (LLC | CONFIG       | SAPI 5            | N201_I 520) |
| COMMAND | (LLC | CONFIG       | SAPI 9            | N201_I 520) |
| COMMAND | (LLC | CONFIG       | SAPI 11           | N201_I 520) |
| (1)     |      |              | GRR_DATA_IND_TEST |             |
|         |      |              | *<=====           | *           |
| (2)     |      | LL_RESET_IND |                   |             |
|         |      | *<=====      | *                 |             |
| (3)     |      |              | GRR_READY_IND     |             |
|         |      |              | *<=====           | *           |
| (4)     |      |              | GRR_DATA_REQ      |             |
|         |      |              | *=====            | >*          |
| (5)     |      |              | GRR_READY_IND     |             |
|         |      |              | *<=====           | *           |
| (6)     |      |              | GRR_DATA_REQ      |             |
|         |      |              | *=====            | >*          |
| (7)     |      |              | GRR_DATA_IND_TEST |             |
|         |      |              | *<=====           | *           |
| (8)     |      | LL_XID_IND   |                   |             |
|         |      | *<=====      | *                 |             |
| (9)     |      |              | GRR_READY_IND     |             |
|         |      |              | *<=====           | *           |
| (10)    |      |              | GRR_DATA_REQ      |             |
|         |      |              | *=====            | >*          |
| (11)    |      |              | GRR_DATA_IND_TEST |             |
|         |      |              | *<=====           | *           |
| (12)    |      | LL_XID_IND   |                   |             |
|         |      | *<=====      | *                 |             |
| (13)    |      |              | GRR_READY_IND     |             |
|         |      |              | *<=====           | *           |
| (14)    |      |              | GRR_DATA_REQ      |             |
|         |      |              | *=====            | >*          |
| (15)    |      |              | GRR_DATA_IND_TEST |             |
|         |      |              | *<=====           | *           |
| (16)    |      | LL_XID_IND   |                   |             |
|         |      | *<=====      | *                 |             |
| (17)    |      |              | GRR_READY_IND     |             |
|         |      |              | *<=====           | *           |
| (18)    |      |              | GRR_DATA_REQ      |             |
|         |      |              | *=====            | >*          |
| (19)    |      |              | GRR_DATA_IND_TEST |             |
|         |      |              | *<=====           | *           |
| (20)    |      | LL_XID_IND   |                   |             |
|         |      | *<=====      | *                 |             |
|         |      |              |                   |             |

**Parametrization:**

| Primitive             | Parameter  | Value                             |
|-----------------------|------------|-----------------------------------|
| (1) GRR_DATA_IND_TEST | lli<br>sdu | TLLI_LOCAL_1<br>XID1_IOV_UI_SAPI1 |

|                        |  |   |
|------------------------|--|---|
| (2) LL_RESET_IND       | sapi<br>tlli   | LL_SAPI_1<br>TLLI_LOCAL_1   |
| (3) GRR_READY_IND      |  |   |
| (4) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_SAPI1    |
| (5) GRR_READY_IND      |  |   |
| (6) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI3 |
| (7) GRR_DATA_IND_TEST  | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI3   |
| (8) LL_XID_IND         | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                       |
| (9) GRR_READY_IND      |  |   |
| (10) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI5 |
| (11) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI5   |
| (12) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_5<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                       |
| (13) GRR_READY_IND     |  |   |

|                        |  |   |
|------------------------|--|---|
| (14) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI9   |
| (15) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI9   |
| (16) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_9<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                         |
| (17) GRR_READY_IND     |  |   |
| (18) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI11 |
| (19) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI11  |
| (20) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_11<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                        |

## History:

15-Oct-2002

UT

Initial

**3.3.20 LLC084: Negotiation of acceptable parameters on SAPI 1 (Version, N201-U)**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters except N201\_U. The requested parameter by the MS is lower than the requested parameter by the SGSSN.

## Preamble:

LLC000

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
|         |                                |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 1 N201_U 300) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (8)     |                                | LL_XID_IND       |                   |         |
|         |                                | *<=====*         |                   |         |
| (9)     |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (10)    |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
|         |                                |                  |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>XID1_VE0_NU500_SAPI1   |
| (8) LL_XID_IND        | sapi  | LL_SAPI_1  |



|                   |                   |                      |
|-------------------|-------------------|----------------------|
|                   | tlli              | TLLI_LOCAL_1         |
|                   | n201_u            | N201_U_300           |
|                   | n201_i            | NOT_USED             |
|                   | xid_valid         | LL_XID_INVALID       |
|                   | sdu               | NOT_USED             |
| (9) GRR_READY_IND |                   |                      |
| (10) GRR_DATA_REQ |                   |                      |
|                   | sapi              | LL_SAPI_1            |
|                   | tlli              | TLLI_LOCAL_1         |
|                   | grr_qos           | NOT_USED             |
|                   | radio_prio        | GRR_RADIO_PRIO_1     |
|                   | cause             | GRR_DTACS_DEF        |
|                   | reserved_data_req | NOT_USED             |
|                   | sdu               | XID1_VE0_NU300_SAPI1 |

## History:

|             |    |   |
|-------------|----|---|
| 16-Oct-2002 | UT | Initial   |
| 27-May-2003 | UT | Send LL_UNITREADY_IND for each sapi after LL_GMM_ASSIGN_REQ |

**3.3.21 LLC085: Restart Negotiation after Reset on SAPI 3, 5, 9, 11, SAPI 1 N201 is included**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command) containing the parameters IOV UI and reset. The received XID parameter is acceptable. LLC sends an XID response containing N201\_U on SAPI 1. Additional xid commands are sent on sapi 3, 5, 9, 11 because XID parameter are requested.

## Preamble:

LLC001

|         | GMM  | L3           | LLC                 | RLC/MAC |
|---------|------|--------------|---------------------|---------|
|         |      |              |                     |         |
| COMMAND | (LLC | CONFIG       | SAPI 1 N201_U 300)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 3 N201_U 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 5 N201_U 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 9 N201_U 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 11 N201_U 520) |         |
| COMMAND | (LLC | CONFIG       | SAPI 3 N201_I 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 5 N201_I 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 9 N201_I 520)  |         |
| COMMAND | (LLC | CONFIG       | SAPI 11 N201_I 520) |         |
| (1)     |      |              | GRR_DATA_IND_TEST   |         |
|         |      |              | *<=====             |         |
| (2)     |      | LL_RESET_IND |                     |         |
|         |      | *<=====      |                     |         |
| (3)     |      | LL_XID_IND   |                     |         |
|         |      | *<=====      |                     |         |
| (4)     |      |              | GRR_READY_IND       |         |
|         |      |              | *<=====             |         |
| (5)     |      |              | GRR_DATA_REQ        |         |
|         |      |              | *=====              |         |
| (6)     |      |              | GRR_READY_IND       |         |
|         |      |              | *<=====             |         |
| (7)     |      |              | GRR_DATA_REQ        |         |
|         |      |              | *=====              |         |
| (8)     |      |              | GRR_DATA_IND_TEST   |         |
|         |      |              | *<=====             |         |
| (9)     |      | LL_XID_IND   |                     |         |
|         |      | *<=====      |                     |         |
| (10)    |      |              | GRR_READY_IND       |         |
|         |      |              | *<=====             |         |
| (11)    |      |              | GRR_DATA_REQ        |         |
|         |      |              | *=====              |         |
| (12)    |      |              | GRR_DATA_IND_TEST   |         |
|         |      |              | *<=====             |         |
| (13)    |      | LL_XID_IND   |                     |         |
|         |      | *<=====      |                     |         |
| (14)    |      |              | GRR_READY_IND       |         |
|         |      |              | *<=====             |         |
| (15)    |      |              | GRR_DATA_REQ        |         |
|         |      |              | *=====              |         |
| (16)    |      |              | GRR_DATA_IND_TEST   |         |
|         |      |              | *<=====             |         |
| (17)    |      | LL_XID_IND   |                     |         |
|         |      | *<=====      |                     |         |
| (18)    |      |              | GRR_READY_IND       |         |
|         |      |              | *<=====             |         |
| (19)    |      |              | GRR_DATA_REQ        |         |
|         |      |              | *=====              |         |
| (20)    |      |              | GRR_DATA_IND_TEST   |         |
|         |      |              | *<=====             |         |
| (21)    |      | LL_XID_IND   |                     |         |
|         |      | *<=====      |                     |         |
|         |      |              |                     |         |

**Parametrization:**

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                       |  |  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID1_IOV_UI_SAPI1  |
| (2) LL_RESET_IND      | sapi<br>tlli   | LL_SAPI_1<br>TLLI_LOCAL_1  |
| (3) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>N201_U_300<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                          |
| (4) GRR_READY_IND     |  |  |
| (5) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_NU300_SAPI1 |
| (6) GRR_READY_IND     |  |  |
| (7) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI3    |
| (8) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI3  |
| (9) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                          |
| (10) GRR_READY_IND    |  |  |
| (11) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI5    |

|                        |  |   |
|------------------------|--|---|
| (12) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI5   |
| (13) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_5<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                         |
| (14) GRR_READY_IND     |  |   |
| (15) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI9   |
| (16) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI9   |
| (17) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_9<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                         |
| (18) GRR_READY_IND     |  |   |
| (19) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI11 |
| (20) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_RSP_SAPI11  |
| (21) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_11<br>TLLI_LOCAL_1<br>N201_U_520<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                        |

## History:

|             |    |                                    |
|-------------|----|------------------------------------|
| 16-Oct-2002 | UT | Initial                            |
| 28-May-2003 | UT | LL_XID_IND send after LL_RESET_IND |

**3.3.22 LLC086: Negotiation of acceptable parameters on SAPI 1 (Version, N201-U), received value acceptable**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters are acceptable. LLC sends an XID response containing the same XID parameters because the requested parameter by the MS is greater than the requested parameter by the SGSSN.

## Preamble:

LLC000

|         | GMM  | L3                        | LLC               | RLC/MAC |
|---------|------|---------------------------|-------------------|---------|
| COMMAND | (LLC | CONFIG SAPI 1 N201_U 600) |                   |         |
| (1)     |      | LLGMM_ASSIGN_REQ          |                   |         |
|         |      | *=====>                   |                   |         |
| (2)     |      | LL_UNITREADY_IND          |                   |         |
|         |      | *<=====*                  |                   |         |
| (3)     |      | LL_UNITREADY_IND          |                   |         |
|         |      | *<=====*                  |                   |         |
| (4)     |      | LL_UNITREADY_IND          |                   |         |
|         |      | *<=====*                  |                   |         |
| (5)     |      | LL_UNITREADY_IND          |                   |         |
|         |      | *<=====*                  |                   |         |
| (6)     |      | LL_UNITREADY_IND          |                   |         |
|         |      | *<=====*                  |                   |         |
| (7)     |      |                           | GRR_DATA_IND_TEST |         |
|         |      |                           | *<=====*          |         |
| (8)     |      | LL_XID_IND                |                   |         |
|         |      | *<=====*                  |                   |         |
| (9)     |      |                           | GRR_READY_IND     |         |
|         |      |                           | *<=====*          |         |
| (10)    |      |                           | GRR_DATA_REQ      |         |
|         |      |                           | *=====>           |         |
|         |      |                           |                   |         |

## Parametrization:

| Primitive            | Parameter   | Value  |
|----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |

|                       |  |  |
|-----------------------|--|--|
| (4) LL_UNITREADY_IND  | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID1_VE0_NU500_SAPI1   |
| (8) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>N201_U_500<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                              |
| (9) GRR_READY_IND     |  |  |
| (10) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_VE0_NU500_SAPI1 |

## History:

|             |    |   |
|-------------|----|---|
| 16-Oct-2002 | UT | Initial   |
| 27-May-2003 | UT | Send LL_UNITREADY_IND for each sapi after LL_GMM_ASSIGN_REQ |

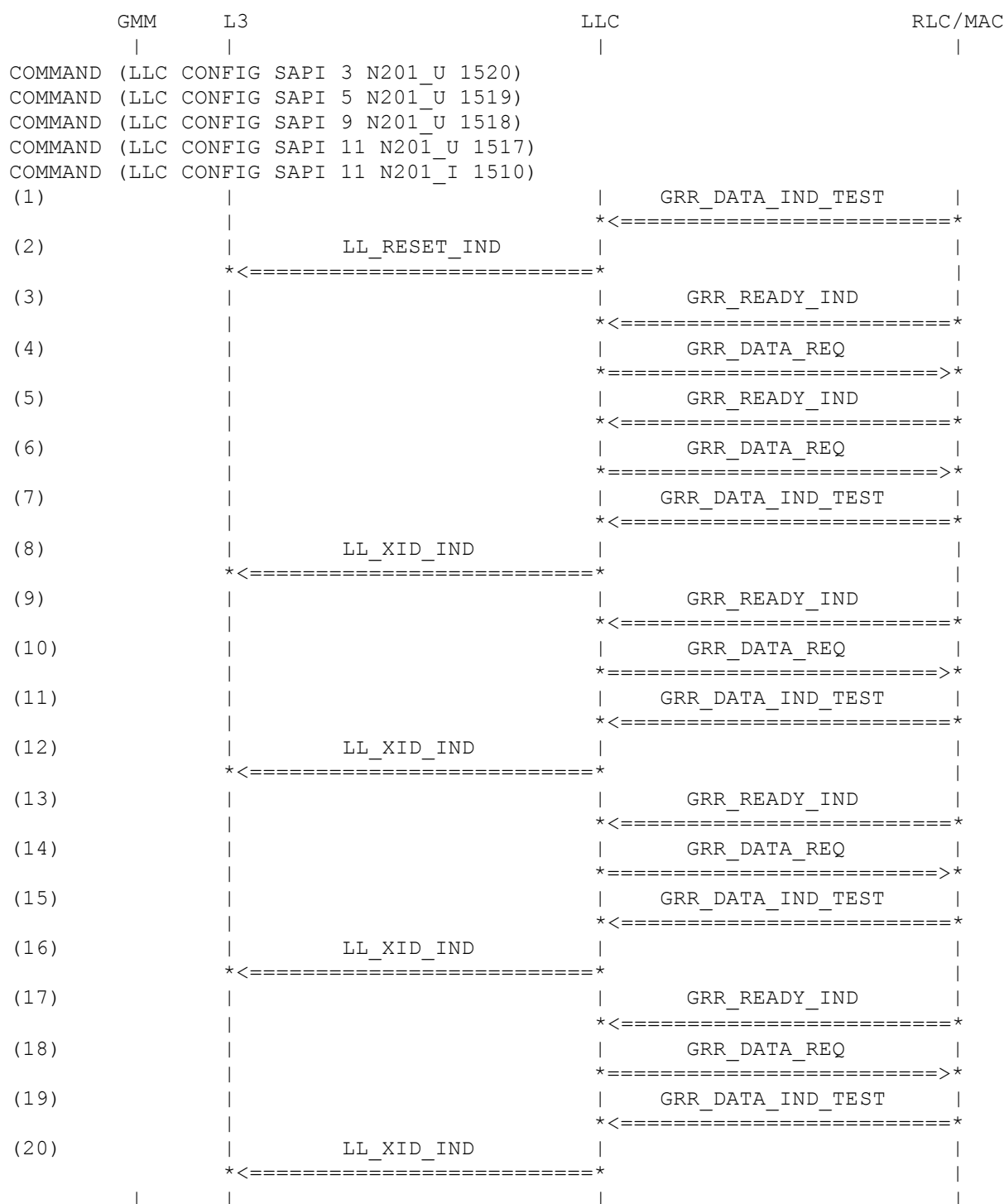
**3.3.23 LLC087: Restart Negotiation after Reset on SAPI 3, 5, 9, 11**

## Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command) containing the parameters IOV UI and reset. The received XID parameter is acceptable. LLC sends, as required, an empty XID response confirming the value. Additional xid commands are sent on sapi 3, 5, 9, 11 because XID parameter are requested.

## Preamble:

LLC001

**Parametrization:**

| Primitive             | Parameter  | Value                             |
|-----------------------|------------|-----------------------------------|
| (1) GRR_DATA_IND_TEST | tl<br>sdu  | TLLI_LOCAL_1<br>XID1_IOV_UI_SAPI1 |
| (2) LL_RESET_IND      | sapi<br>tl | LL_SAPI_1<br>TLLI_LOCAL_1         |

(3) GRR\_READY\_IND

(4) GRR\_DATA\_REQ

|                   |                  |
|-------------------|------------------|
| sapi              | LL_SAPI_1        |
| tlli              | TLLI_LOCAL_1     |
| grr_qos           | NOT_USED         |
| radio_prio        | GRR_RADIO_PRIO_1 |
| cause             | GRR_DTACS_DEF    |
| reserved_data_req | NOT_USED         |
| sdu               | XID1_SAPI1       |

(5) GRR\_READY\_IND

(6) GRR\_DATA\_REQ

|                   |                          |
|-------------------|--------------------------|
| sapi              | LL_SAPI_3                |
| tlli              | TLLI_LOCAL_1             |
| grr_qos           | NOT_USED                 |
| radio_prio        | GRR_RADIO_PRIO_1         |
| cause             | GRR_DTACS_DEF            |
| reserved_data_req | NOT_USED                 |
| sdu               | XID_CMD_SAPI3_N201U_1520 |

(7) GRR\_DATA\_IND\_TEST

|      |              |
|------|--------------|
| tlli | TLLI_LOCAL_1 |
| sdu  | XID_SAPI3    |

(8) LL\_XID\_IND

|           |                |
|-----------|----------------|
| sapi      | LL_SAPI_3      |
| tlli      | TLLI_LOCAL_1   |
| n201_u    | N201_U_1520    |
| n201_i    | NOT_USED       |
| xid_valid | LL_XID_INVALID |
| sdu       | NOT_USED       |

(9) GRR\_READY\_IND

(10) GRR\_DATA\_REQ

|                   |                          |
|-------------------|--------------------------|
| sapi              | LL_SAPI_5                |
| tlli              | TLLI_LOCAL_1             |
| grr_qos           | NOT_USED                 |
| radio_prio        | GRR_RADIO_PRIO_1         |
| cause             | GRR_DTACS_DEF            |
| reserved_data_req | NOT_USED                 |
| sdu               | XID_CMD_SAPI5_N201U_1519 |

(11) GRR\_DATA\_IND\_TEST

|      |                          |
|------|--------------------------|
| tlli | TLLI_LOCAL_1             |
| sdu  | XID_RSP_SAPI5_N201U_1519 |

(12) LL\_XID\_IND

|           |                |
|-----------|----------------|
| sapi      | LL_SAPI_5      |
| tlli      | TLLI_LOCAL_1   |
| n201_u    | N201_U_1519    |
| n201_i    | NOT_USED       |
| xid_valid | LL_XID_INVALID |
| sdu       | NOT_USED       |

(13) GRR\_READY\_IND

(14) GRR\_DATA\_REQ

|         |              |
|---------|--------------|
| sapi    | LL_SAPI_9    |
| tlli    | TLLI_LOCAL_1 |
| grr_qos | NOT_USED     |



|                        |                   |                                   |
|------------------------|-------------------|-----------------------------------|
|                        | radio_prio        | GRR_RADIO_PRIO_1                  |
|                        | cause             | GRR_DTACS_DEF                     |
|                        | reserved_data_req | NOT_USED                          |
|                        | sdu               | XID_CMD_SAPI9_N201U_1518          |
| (15) GRR_DATA_IND_TEST |                   |                                   |
|                        | tlli              | TLLI_LOCAL_1                      |
|                        | sdu               | XID_RSP_SAPI9_N201U_1510          |
| (16) LL_XID_IND        |                   |                                   |
|                        | sapi              | LL_SAPI_9                         |
|                        | tlli              | TLLI_LOCAL_1                      |
|                        | n201_u            | N201_U_1510                       |
|                        | n201_i            | NOT_USED                          |
|                        | xid_valid         | LL_XID_INVALID                    |
|                        | sdu               | NOT_USED                          |
| (17) GRR_READY_IND     |                   |                                   |
| (18) GRR_DATA_REQ      |                   |                                   |
|                        | sapi              | LL_SAPI_11                        |
|                        | tlli              | TLLI_LOCAL_1                      |
|                        | grr_qos           | NOT_USED                          |
|                        | radio_prio        | GRR_RADIO_PRIO_1                  |
|                        | cause             | GRR_DTACS_DEF                     |
|                        | reserved_data_req | NOT_USED                          |
|                        | sdu               | XID_CMD_SAPI11_N201_U_I_1517_1510 |
| (19) GRR_DATA_IND_TEST |                   |                                   |
|                        | tlli              | TLLI_LOCAL_1                      |
|                        | sdu               | XID_RSP_EMPTY                     |
| (20) LL_XID_IND        |                   |                                   |
|                        | sapi              | LL_SAPI_11                        |
|                        | tlli              | TLLI_LOCAL_1                      |
|                        | n201_u            | NOT_USED                          |
|                        | n201_i            | NOT_USED                          |
|                        | xid_valid         | LL_XID_INVALID                    |
|                        | sdu               | NOT_USED                          |

## History:

16-Oct-2002

UT

Initial

### 3.3.24 LLC088: Negotiation of XID parameters on SAPI 11 initiated by SMDCP, network answers with all values set to default. Attention for XID on SAPI fails due to timeout N200 times.

## Description:

LLC is assigned and ready to send data. LLC receives a LL\_XID\_REQ and therefore sends a XID command message to its peer entity. The peer answers with a XID response including all default values. The layer 3 XID parameters are forwarded to SMDCP in an LL\_XID\_CNF. There are further requested XID parameters on SAPI 3 and 9. After three retransmissions on sapi 3 there is no response of the peer. An LLGMM\_STATUS\_IND is send to Layer 3 with cause NO\_PEER\_RESPONSE.

## Preamble:

LLC000

|  | GMM | L3               | LLC               | RLC/MAC |
|--|-----|------------------|-------------------|---------|
|  |     |                  |                   |         |
| COMMAND (LLC CONFIG SAPI 3 N201_U 300) |     |                  |                   |         |
| COMMAND (LLC CONFIG SAPI 9 N201_U 400) |     |                  |                   |         |
| (1)                                    |     | LLGMM_ASSIGN_REQ |                   |         |
|  |     | *=====>*         |                   |         |
| (2)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (3)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (4)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (5)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (6)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (7)                                    |     | LL_XID_REQ       |                   |         |
|  |     | *=====>*         |                   |         |
| (8)                                    |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| (9)                                    |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (10)                                   |     |                  | GRR_DATA_IND_TEST |         |
|  |     |                  | *<=====*          |         |
| (11)                                   |     | LL_XID_CNF       |                   |         |
|  |     | *<=====*         |                   |         |
| (12)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| (13)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (14)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| TIMEOUT (5000)                         |     |                  |                   |         |
| (15)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (16)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| TIMEOUT (5000)                         |     |                  |                   |         |
| (17)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (18)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| TIMEOUT (5000)                         |     |                  |                   |         |
| (19)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (20)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| TIMEOUT (5000)                         |     |                  |                   |         |
| (21)                                   |     | LLGMM_STATUS_IND |                   |         |
|  |     | *<=====*         |                   |         |
|  |     |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter | Value              |
|----------------------|-----------|--------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli  | LLGMM_TLLI_INVALID |
|                      | new_tlli  | TLLI_LOCAL_1       |

|                        |  |  |
|------------------------|--|--|
|                        | llgmm_kc<br>ciphering_algorithm  | LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM   |
| (2) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) LL_XID_REQ         | sapi<br>tlli<br>sdu  | LL_SAPI_11<br>TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |  |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CR0_EMPTY_L3_SAPI11 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_CR0_ALL_DEF_SAPI11   |
| (11) LL_XID_CNF        | sapi<br>tlli<br>n201_u<br>n201_i<br>sdu                                    | LL_SAPI_11<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI11<br>N201_I_DEF<br>EMPTY_SDU   |
| (12) GRR_READY_IND     |  |  |
| (13) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_CMD_SAPI3_N201U_300  |
| (14) GRR_READY_IND     |  |  |
| (15) GRR_DATA_REQ      | sapi   | LL_SAPI_3  |

|                       |                   |                             |
|-----------------------|-------------------|-----------------------------|
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | NOT_USED                    |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
|                       | sdu               | XID_CMD_SAPI3_N201U_300     |
| (16) GRR_READY_IND    |                   |                             |
| (17) GRR_DATA_REQ     |                   |                             |
|                       | sapi              | LL_SAPI_3                   |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | NOT_USED                    |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
|                       | sdu               | XID_CMD_SAPI3_N201U_300     |
| (18) GRR_READY_IND    |                   |                             |
| (19) GRR_DATA_REQ     |                   |                             |
|                       | sapi              | LL_SAPI_3                   |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | NOT_USED                    |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
|                       | sdu               | XID_CMD_SAPI3_N201U_300     |
| (20) GRR_READY_IND    |                   |                             |
| (21) LLGMM_STATUS_IND |                   |                             |
|                       | error_cause       | LLGMM_ERRCS_XID_NO_PEER_RES |

History:

11-Oct-2001

UT

Initial

**3.3.25 LLC089: XID Negotiation, XID value is sent in the response until explicitly negotiated.**

Description:

LLC receives the primitive GRR\_DATA\_IND (U frame: XID command). The received XID parameters is IOV\_UI. LLC sends an XID response containing the same XID parameters and additionally including N201\_U(requested by MS). The N201\_U value is send in every response until explicitly negotiated by the peer. The next response doesn't contain this parameter anymore.

Preamble:

LLC000

|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (8)     |     | LL_XID_IND       |                   |         |
|         |     | *<=====*         |                   |         |
| (9)     |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (10)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (11)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (12)    |     | LL_XID_IND       |                   |         |
|         |     | *<=====*         |                   |         |
| (13)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (14)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (15)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (16)    |     | LL_XID_IND       |                   |         |
|         |     | *<=====*         |                   |         |
| (17)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (18)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (19)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (20)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (21)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |

**Parametrization:**

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi                | LL_SAPI_3                 |
|                      | tlli                | LL_TLLI_INVALID           |

|                        |  |  |
|------------------------|--|--|
| (3) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST  | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_IOV_UI_SAPI3   |
| (8) LL_XID_IND         | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_300<br>NOT_USED<br>LL_XID_INVALID<br>NOT_USED                                |
| (9) GRR_READY_IND      |  |  |
| (10) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_NU300_SAPI3       |
| (11) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_SAPI3_NI1520   |
| (12) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_300<br>N201_I_1520<br>LL_XID_INVALID<br>NOT_USED                             |
| (13) GRR_READY_IND     |  |  |
| (14) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_SAPI3_NI1520_NU300 |

|                        |  |   |
|------------------------|--|---|
| (15) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_NUI1520_NU200_SAPI3   |
| (16) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_200<br>N201_I_1520<br>LL_XID_INVALID<br>NOT_USED                              |
| (17) GRR_READY_IND     |  |   |
| (18) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_NUI1520_NU200_SAPI3 |
| (19) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_N5_SAPI3  |
| (20) GRR_READY_IND     |  |   |
| (21) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_N5_SAPI3            |

History:

28-Oct-2000

UT

Initial

### 3.3.26 LLC090: XID Collision, MS requested N201\_U < SGSN received N201\_U

Description:

LLC is in state ADM and receives a XID command including an empty block of layer 3 XID parameters. The parameters are forwarded to SNDGP. While waiting for the response an LL\_XID\_REQ is received from layer 3. The request is ignored but the requested value is sent within the response.

Preamble:

LLC000

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
| COMMAND | (LLC CONFIG SAPI 3 N201_U 300) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (8)     |                                | LL_XID_IND       |                   |         |
|         |                                | *<=====*         |                   |         |
| (9)     |                                | LL_XID_REQ       |                   |         |
|         |                                | *=====>*         |                   |         |
| (10)    |                                | LL_XID_RES       |                   |         |
|         |                                | *=====>*         |                   |         |
| (11)    |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (12)    |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>XID1_VE0_NU400_L3_SAPI3  |



## (8) LL\_XID\_IND

|           |              |
|-----------|--------------|
| sapi      | LL_SAPI_3    |
| tlli      | TLLI_LOCAL_1 |
| n201_u    | N201_U_300   |
| n201_i    | NOT_USED     |
| xid_valid | LL_XID_VALID |
| sdu       | EMPTY_SDU    |

## (9) LL\_XID\_REQ

|      |                         |
|------|-------------------------|
| sapi | LL_SAPI_3               |
| tlli | TLLI_LOCAL_1            |
| sdu  | XID_CMD_SAPI3_N201U_300 |

## (10) LL\_XID\_RES

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |
| sdu  | EMPTY_SDU    |

## (11) GRR\_READY\_IND

## (12) GRR\_DATA\_REQ

|                   |                     |
|-------------------|---------------------|
| sapi              | LL_SAPI_3           |
| tlli              | TLLI_LOCAL_1        |
| grr_qos           | GRRREQ_QOS_PEAKSUB  |
| radio_prio        | GRR_RADIO_PRIO_1    |
| cause             | GRR_DTACS_DEF       |
| reserved_data_req | NOT_USED            |
| sdu               | XID1_NU300_L3_SAPI3 |

## History:

01-Nov-2002

UT

Initial

**3.3.27 LLC091: Layer-3 initiated ABM establishment, UA response with xid parameter**

## Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA :

<A>: containing N201 below default, ABM is established.

<B>: containing all xid values set to min except T200 and N200 set to max, ABM is established.

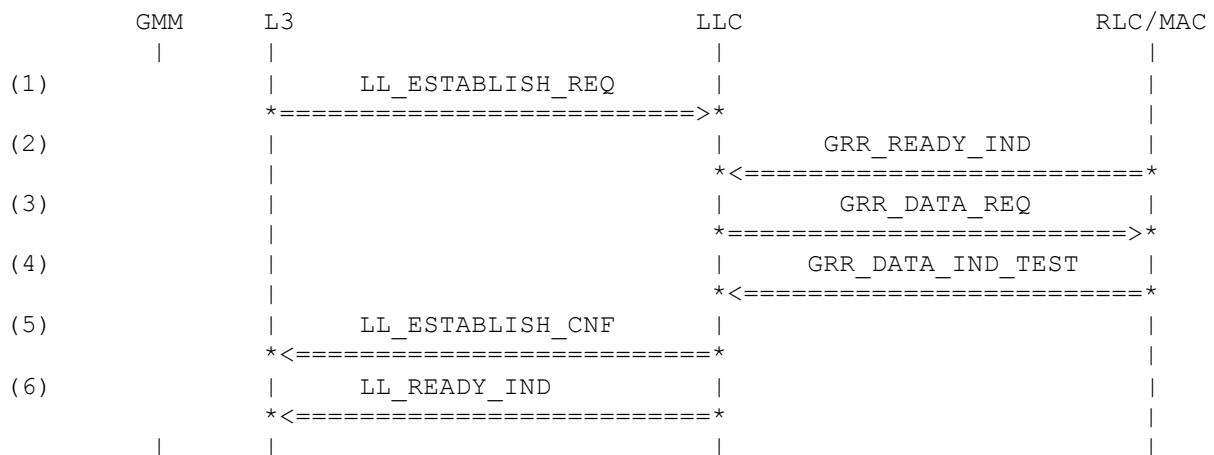
<C>: containing all default values, ABM is established.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;C&gt;

**Parametrization:**

| Primitive             | Parameter         | Value                                  |
|-----------------------|-------------------|--|
| (1) LL_ESTABLISH_REQ  |                   |  |
| <A>                   | sapi              | LL_SAPI_3                              |
| <B>                   | sapi              | LL_SAPI_9                              |
| <C>                   | sapi              | LL_SAPI_11                             |
|                       | tlli              | TLLI_LOCAL_1                           |
|                       | sdu               | EMPTY_SDU                              |
| (2) GRR_READY_IND     |                   |  |
| (3) GRR_DATA_REQ      |                   |  |
| <A>                   | sapi              | LL_SAPI_3                              |
| <B>                   | sapi              | LL_SAPI_9                              |
| <C>                   | sapi              | LL_SAPI_11                             |
|                       | tlli              | TLLI_LOCAL_1                           |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB                     |
|                       | radio_prio        | GRR_RADIO_PRIO_1                       |
|                       | cause             | GRR_DTACS_DEF                          |
|                       | reserved_data_req | NOT_USED                               |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3             |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9             |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11            |
| (4) GRR_DATA_IND_TEST |                   |  |
| <A>                   | tlli              | TLLI_LOCAL_1                           |
| <B>                   | sdu               | SGSN_UA1_N201U_400_SAPI3               |
|                       | sdu               | SGSN_UA1_ALL_MIN_EXCPT_T200_N200_SAPI9 |
| <C>                   | sdu               | SGSN_UA1_ALL_DEF_SAPI11                |
| (5) LL_ESTABLISH_CNF  |                   |  |
| <A>                   | sapi              | LL_SAPI_3                              |
| <B>                   | sapi              | LL_SAPI_9                              |
| <C>                   | sapi              | LL_SAPI_11                             |
|                       | tlli              | TLLI_LOCAL_1                           |
| <A>                   | n201_u            | N201_U_400                             |
| <B>                   | n201_u            | N201_U_MIN                             |
| <C>                   | n201_u            | N201_U_DEF_SAPI11                      |
| <A>                   | n201_i            | N201_I_DEF                             |
| <B>                   | n201_i            | N201_I_MIN                             |

|                  |                            |   |
|------------------|----------------------------|---|
| <C>              | n201_i<br>xid_valid<br>sdu | N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU |
| (6) LL_READY_IND |                            |   |
| <A>              | sapi                       | LL_SAPI_3                               |
| <B>              | sapi                       | LL_SAPI_9                               |
| <C>              | sapi<br>tlli               | LL_SAPI_11<br>TLLI_LOCAL_1              |

History:

01-Nov-2002 UT

**3.3.28 LLC092: Network initiated ABM establishment, SGSN SABM contains N201\_U values, UA response with same values**

Description:

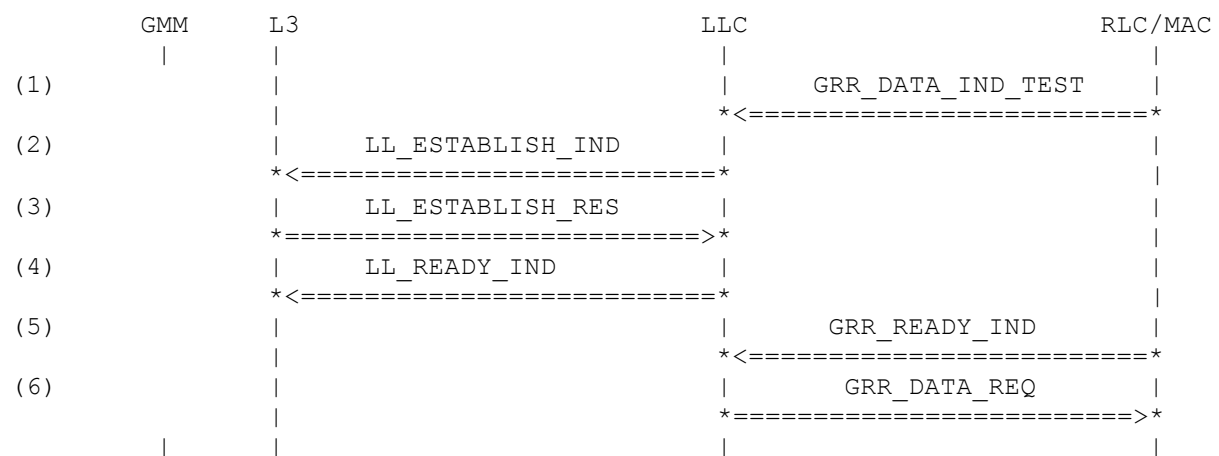
LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SNDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. No layer-3 XID parameters are included. LLC informs SNDCP of the establishment and transmits the UA response to its peer. <A>: N201\_U > default. <B>: N201\_U < default

Preamble:

LLC001

Variants:

&lt;A&gt;....&lt;B&gt;

**Parametrization:**

| Primitive             | Parameter | Value                     |
|-----------------------|-----------|---------------------------|
| (1) GRR_DATA_IND_TEST |           |                           |
| <A>                   | tlli      | TLLI_LOCAL_1              |
| <B>                   | sdu       | SGSN_SABM_N201U_600_SAPI5 |
|                       | sdu       | SGSN_SABM_N201U_300_SAPI9 |
| (2) LL_ESTABLISH_IND  |           |                           |
| <A>                   | sapi      | LL_SAPI_5                 |
| <B>                   | sapi      | LL_SAPI_9                 |
|                       | tlli      | TLLI_LOCAL_1              |
| <A>                   | n201_u    | N201_U_600                |
| <B>                   | n201_u    | N201_U_300                |

|                      |                   |                        |
|----------------------|-------------------|------------------------|
|                      | n201_i            | N201_I_DEF             |
|                      | xid_valid         | LL_XID_VALID           |
|                      | sdu               | EMPTY_SDU              |
| (3) LL_ESTABLISH_RES |                   |                        |
| <A>                  | sapi              | LL_SAPI_5              |
| <B>                  | sapi              | LL_SAPI_9              |
|                      | tlli              | TLLI_LOCAL_1           |
|                      | xid_valid         | LL_XID_VALID           |
|                      | sdu               | EMPTY_SDU              |
| (4) LL_READY_IND     |                   |                        |
| <A>                  | sapi              | LL_SAPI_5              |
| <B>                  | sapi              | LL_SAPI_9              |
|                      | tlli              | TLLI_LOCAL_1           |
| (5) GRR_READY_IND    |                   |                        |
| (6) GRR_DATA_REQ     |                   |                        |
| <A>                  | sapi              | LL_SAPI_5              |
| <B>                  | sapi              | LL_SAPI_9              |
|                      | tlli              | TLLI_LOCAL_1           |
|                      | grr_qos           | GRRREQ_QOS_PEAKSUB     |
|                      | radio_prio        | GRR_RADIO_PRIO_1       |
|                      | cause             | GRR_DTACS_DEF          |
|                      | reserved_data_req | NOT_USED               |
| <A>                  | sdu               | MS_UA1_N201U_600_SAPI5 |
| <B>                  | sdu               | MS_UA1_N201U_300_SAPI9 |

History:

03-Nov-2002

UT

initial

### 3.3.29 LLC093: Network initiated ABM establishment, LLC ready, SGSN xid value > than requested value

Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. Layer-3 XID parameters are included. LLC informs SMDCP of the establishment and transmits the UA response with N201\_U, requested on MS side, to its peer.

Preamble:

LLC000

|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (8)     |     | LL_ESTABLISH_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (9)     |     | LL_ESTABLISH_RES |                   |         |
|         |     | *=====>*         |                   |         |
| (10)    |     | LL_READY_IND     |                   |         |
|         |     | *<=====*         |                   |         |
| (11)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (12)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
|         |     |                  |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli  | TLLI_LOCAL_1   |

|                      |  |  |
|----------------------|--|--|
|                      | sdu  | SGSN_SABM_N201U_600_SAPI5  |
| (8) LL_ESTABLISH_IND | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_5<br>TLLI_LOCAL_1<br>N201_U_300<br>N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU   |
| (9) LL_ESTABLISH_RES | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_5<br>TLLI_LOCAL_1<br>LL_XID_VALID<br>EMPTY_SDU   |
| (10) LL_READY_IND    | sapi<br>tlli   | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (11) GRR_READY_IND   |  |  |
| (12) GRR_DATA_REQ    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_N201U_300_SAPI5 |

## History:

|             |    |         |
|-------------|----|---------|
| 03-Nov-2002 | UT | initial |
|-------------|----|---------|

**3.3.30 LLC094: Network initiated ABM establishment with empty L3 parameter, MS UA response with N201\_U**

## Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SCDPC. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. Layer-3 XID parameters are included. LLC informs SCDPC of the establishment and transmits the UA response containing L3 parameters and N201\_U (requested on MS side) to its peer.

## Preamble:

LLC000

|         | GMM                             | L3               | LLC               | RLC/MAC |
|---------|---------------------------------|------------------|-------------------|---------|
| COMMAND | (LLC CONFIG SAPI 11 N201_U 400) |                  |                   |         |
| (1)     |                                 | LLGMM_ASSIGN_REQ |                   |         |
|         |                                 | *=====>*         |                   |         |
| (2)     |                                 | LL_UNITREADY_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (3)     |                                 | LL_UNITREADY_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (4)     |                                 | LL_UNITREADY_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (5)     |                                 | LL_UNITREADY_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (6)     |                                 | LL_UNITREADY_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (7)     |                                 |                  | GRR_DATA_IND_TEST |         |
|         |                                 |                  | *<=====*          |         |
| (8)     |                                 | LL_ESTABLISH_IND |                   |         |
|         |                                 | *<=====*         |                   |         |
| (9)     |                                 | LL_ESTABLISH_RES |                   |         |
|         |                                 | *=====>*         |                   |         |
| (10)    |                                 | LL_READY_IND     |                   |         |
|         |                                 | *<=====*         |                   |         |
| (11)    |                                 |                  | GRR_READY_IND     |         |
|         |                                 |                  | *<=====*          |         |
| (12)    |                                 |                  | GRR_DATA_REQ      |         |
|         |                                 |                  | *=====>*          |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli  | TLLI_LOCAL_1   |

|                      |                               |                         |
|----------------------|-------------------------------|-------------------------|
|                      | sdu                           |                         |
|                      | SGSN_SABM_EMPTY_L3_XID_SAPI11 |                         |
| (8) LL_ESTABLISH_IND |                               |                         |
|                      | sapi                          | LL_SAPI_11              |
|                      | tlli                          | TLLI_LOCAL_1            |
|                      | n201_u                        | N201_U_400              |
|                      | n201_i                        | N201_I_DEF              |
|                      | xid_valid                     | LL_XID_VALID            |
|                      | sdu                           | EMPTY_SDU               |
| (9) LL_ESTABLISH_RES |                               |                         |
|                      | sapi                          | LL_SAPI_11              |
|                      | tlli                          | TLLI_LOCAL_1            |
|                      | xid_valid                     | LL_XID_VALID            |
|                      | sdu                           | EMPTY_SDU               |
| (10) LL_READY_IND    |                               |                         |
|                      | sapi                          | LL_SAPI_11              |
|                      | tlli                          | TLLI_LOCAL_1            |
| (11) GRR_READY_IND   |                               |                         |
| (12) GRR_DATA_REQ    |                               |                         |
|                      | sapi                          | LL_SAPI_11              |
|                      | tlli                          | TLLI_LOCAL_1            |
|                      | grr_qos                       | GRRREQ_QOS_PEAKSUB      |
|                      | radio_prio                    | GRR_RADIO_PRIO_1        |
|                      | cause                         | GRR_DTACS_DEF           |
|                      | reserved_data_req             | NOT_USED                |
|                      | sdu                           | MS_UA1_N201U_400_SAPI11 |

History:

03-Nov-2002

UT

initial

### 3.3.31 LLC095: Layer-3 initiated ABM establishment with N201\_U and empty L3 par., SGSN UA response with same parameters

Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. N201\_U is requested. LLC transmits the SABM command, containing empty layer 3 parameters and N201\_U, to its peer to establish ABM. The peer responds with UA containing same values.

Preamble:

LLC000



|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
| COMMAND | (LLC CONFIG SAPI 3 N201_U 400) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                | LL_ESTABLISH_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (8)     |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (9)     |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
| (10)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (11)    |                                | LL_ESTABLISH_CNF |                   |         |
|         |                                | *<=====*         |                   |         |
| (12)    |                                | LL_READY_IND     |                   |         |
|         |                                | *<=====*         |                   |         |
|         |                                |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter   | Value  |
|----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) LL_ESTABLISH_REQ | sapi  | LL_SAPI_3  |

|                        |  |  |
|------------------------|--|--|
|                        | tlli<br>sdu  | TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |  |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu<br>MS_SABM_EMPTY_L3_XID_NU400_SAPI3 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_N201U_400_SAPI3   |
| (11) LL_ESTABLISH_CNF  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU               |
| (12) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |

History:

06-Nov-2002 UT

**3.3.32 LLC096: Network initiated ABM establishment, LLC ready, SGSN xid value lower than requested**

Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SndCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. No layer-3 XID parameters are included. LLC informs SndCP of the establishment and transmits the UA response to its peer.

Preamble:

LLC000

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
| COMMAND | (LLC CONFIG SAPI 3 N201_U 800) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (8)     |                                | LL_ESTABLISH_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (9)     |                                | LL_ESTABLISH_RES |                   |         |
|         |                                | *=====>*         |                   |         |
| (10)    |                                | LL_READY_IND     |                   |         |
|         |                                | *<=====*         |                   |         |
| (11)    |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (12)    |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
|         |                                |                  |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli  | TLLI_LOCAL_1   |

|                      |  |  |
|----------------------|--|--|
|                      | sdu  | SGSN_SABM_N201U_400_SAPI3  |
| (8) LL_ESTABLISH_IND | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU   |
| (9) LL_ESTABLISH_RES | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_VALID<br>EMPTY_SDU   |
| (10) LL_READY_IND    | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (11) GRR_READY_IND   |  |  |
| (12) GRR_DATA_REQ    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_N201U_400_SAPI3 |

History:

06-Nov-2002

UT

initial

**3.3.33 LLC097: Network initiated ABM establishment, LLC ready, SGSN xid value lower than MS requested value**

Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from Sndcp. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. No layer-3 XID parameters are included. LLC informs Sndcp of the establishment and transmits the UA response to its peer. The UA response contains the N201\_U value which received from peer.

Preamble:

LLC000

|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (8)     |     | LL_ESTABLISH_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (9)     |     | LL_ESTABLISH_RES |                   |         |
|         |     | *=====>*         |                   |         |
| (10)    |     | LL_READY_IND     |                   |         |
|         |     | *<=====*         |                   |         |
| (11)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (12)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
|         |     |                  |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli  | TLLI_LOCAL_1   |

|                      |  |  |
|----------------------|--|--|
|                      | sdu  | SGSN_SABM_N201U_400_SAPI3  |
| (8) LL_ESTABLISH_IND | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU   |
| (9) LL_ESTABLISH_RES | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_VALID<br>EMPTY_SDU   |
| (10) LL_READY_IND    | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (11) GRR_READY_IND   |  |  |
| (12) GRR_DATA_REQ    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_N201U_400_SAPI3 |

History:

06-Nov-2002

UT

initial

**3.3.34 LLC098: XID Collision, MS requested N201\_U < SGSN received N201\_U**

Description:

LLC is in state ADM and receives a XID command including an empty block of layer 3 XID parameters. The parameters are forwarded to SNDCCP. While waiting for the response an LL\_XID\_REQ is received from layer 3. The request is ignored but the requested value is sent within the response.

Preamble:

LLC000

|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     | LL_XID_REQ       |                   |         |
|         |     | *=====>*         |                   |         |
| (8)     |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (9)     |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (10)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (11)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (12)    |     | LL_XID_CNF       |                   |         |
|         |     | *<=====*         |                   |         |
|         |     |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter   | Value  |
|----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) LL_XID_REQ       | sapi  | LL_SAPI_3  |

|                        |  |  |
|------------------------|--|--|
|                        | tlli<br>sdu  | TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |  |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_N201I_520_EMPTY_L3_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID_CR1_ALL_DEF_SAPI3  |
| (11) GRR_DATA_IND_TEST | tlli<br>sdu<br>XID_CR0_ALL_DEF_EXCPT_N201_I_SAPI3                          | TLLI_LOCAL_1   |
| (12) LL_XID_CNF        | sapi<br>tlli<br>n201_u<br>n201_i<br>sdu                                    | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_520<br>EMPTY_SDU   |

History:

01-Nov-2002

UT

Initial

**3.3.35 LLC099: Network initiated ABM establishment, MS requested N201\_U < default value of N201\_U**

Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SCDPC. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC informs SCDPC of the establishment and transmits the UA response to its peer. The UA response contains the requested N201\_U, value since the value is smaller than the default value

Preamble:

LLC000



|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (8)     |     | LL_ESTABLISH_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (9)     |     | LL_ESTABLISH_RES |                   |         |
|         |     | *=====>*         |                   |         |
| (10)    |     | LL_READY_IND     |                   |         |
|         |     | *<=====*         |                   |         |
| (11)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (12)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
|         |     |                  |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ  | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND  | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) GRR_DATA_IND_TEST | tlli  | TLLI_LOCAL_1   |

|                      |  |  |
|----------------------|--|--|
|                      | sdu  | SGSN_SABM_EMPTY_L3_XID_SAPI5   |
| (8) LL_ESTABLISH_IND | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_5<br>TLLI_LOCAL_1<br>N201_U_300<br>N201_I_DEF<br>LL_XID_VALID<br>EMPTY_SDU   |
| (9) LL_ESTABLISH_RES | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_5<br>TLLI_LOCAL_1<br>LL_XID_VALID<br>EMPTY_SDU   |
| (10) LL_READY_IND    | sapi<br>tlli   | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (11) GRR_READY_IND   |  |  |
| (12) GRR_DATA_REQ    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_N201U_300_SAPI5 |

History:

03-Nov-2002

UT

initial

### 3.4 Unacknowledged transmission of small frames (LLC100 – LLC149)

#### 3.4.1 LLC100: RLC/MAC unacknowledged mode, Radio Priority 3, RLC/MAC ready

Description:

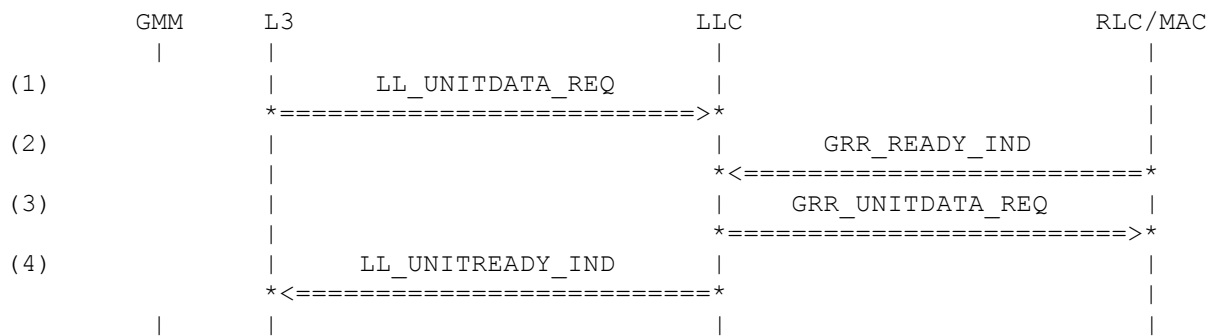
LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_UNITDATA\_REQ.

Preamble:

LLC001

Variants:

&lt;A&gt;....&lt;D&gt;

**Parametrization:**

| Primitive            | Parameter              | Value                |
|----------------------|------------------------|----------------------|
| (1) LL_UNITDATA_REQ  |                        |                      |
| <A>                  | sapi                   | LL_SAPI_3            |
| <B>                  | sapi                   | LL_SAPI_5            |
| <C>                  | sapi                   | LL_SAPI_9            |
| <D>                  | sapi                   | LL_SAPI_11           |
|                      | tlli                   | TLLI_LOCAL_1         |
|                      | ll_qos                 | LLREQ_QOS_DEL4_REL5  |
|                      | radio_prio             | LL_RADIO_PRIO_3      |
|                      | cipher                 | LL_CIPHER_OFF        |
|                      | reserved_unitdata_req1 | NOT_USED             |
|                      | seg_pos                | NOT_USED             |
|                      | attached_counter       | LLC_NO_ATTACHE       |
|                      | reserved_unitdata_req4 | NOT_USED             |
|                      | reserved_unitdata_req5 | NOT_USED             |
|                      | sdu                    | LLREQ_SDU100         |
| (2) GRR_READY_IND    |                        |                      |
| (3) GRR_UNITDATA_REQ |                        |                      |
| <A>                  | sapi                   | LL_SAPI_3            |
| <B>                  | sapi                   | LL_SAPI_5            |
| <C>                  | sapi                   | LL_SAPI_9            |
| <D>                  | sapi                   | LL_SAPI_11           |
|                      | tlli                   | TLLI_LOCAL_1         |
|                      | grr_qos                | GRRREQ_QOS_PEAKSUB   |
|                      | radio_prio             | LL_RADIO_PRIO_3      |
|                      | reserved_unitdata_req1 | NOT_USED             |
|                      | reserved_unitdata_req2 | NOT_USED             |
| <A>                  | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B>                  | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C>                  | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D>                  | sdu                    | GRRREQ_SDU100_SAPI11 |
| (4) LL_UNITREADY_IND |                        |                      |
| <A>                  | sapi                   | LL_SAPI_3            |
| <B>                  | sapi                   | LL_SAPI_5            |
| <C>                  | sapi                   | LL_SAPI_9            |
| <D>                  | sapi                   | LL_SAPI_11           |
|                      | tlli                   | LL_TLLI_INVALID      |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial                                      |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case)          |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs          |
| 12-Sep-2001 | GS | SAPI 7 variant removed                       |

**3.4.2 LLC110: RLC/MAC acknowledged mode, Radio Priority 3, RLC/MAC ready**

## Description:

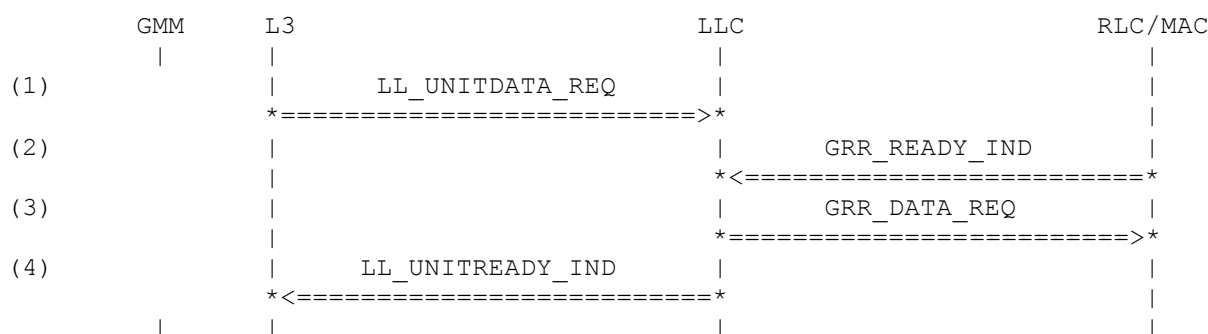
LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ.

## Preamble:

LLC001

## Variants:

<A>....<E>



## Parametrization:

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ | <A>                    | LL_SAPI_3           |
|                     | <B>                    | LL_SAPI_5           |
|                     | <C>                    | LL_SAPI_7           |
|                     | <D>                    | LL_SAPI_9           |
|                     | <E>                    | LL_SAPI_11          |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (2) GRR_READY_IND   |                        |                     |
| (3) GRR_DATA_REQ    | <A>                    | LL_SAPI_3           |
|                     | <B>                    | LL_SAPI_5           |
|                     | <C>                    | LL_SAPI_7           |
|                     | <D>                    | LL_SAPI_9           |

|     |                   |                         |
|-----|-------------------|-------------------------|
| <E> | sapi              | LL_SAPI_11              |
|     | tlli              | TLLI_LOCAL_1            |
|     | grr_qos           | GRRREQ_QOS_PEAKEUB      |
|     | radio_prio        | LL_RADIO_PRIO_3         |
|     | cause             | GRR_DTACS_DEF           |
|     | reserved_data_req | NOT_USED                |
| <A> | sdu               | GRRREQ_SDU100_SAPI3_PM  |
| <B> | sdu               | GRRREQ_SDU100_SAPI5_PM  |
| <C> | sdu               | GRRREQ_SDU100_SAPI7_PM  |
| <D> | sdu               | GRRREQ_SDU100_SAPI9_PM  |
| <E> | sdu               | GRRREQ_SDU100_SAPI11_PM |

(4) LL\_UNITREADY\_IND

|     |      |                 |
|-----|------|-----------------|
| <A> | sapi | LL_SAPI_3       |
| <B> | sapi | LL_SAPI_5       |
| <C> | sapi | LL_SAPI_7       |
| <D> | sapi | LL_SAPI_9       |
| <E> | sapi | LL_SAPI_11      |
|     | tlli | LL_TLLI_INVALID |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial                                      |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case)          |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs          |

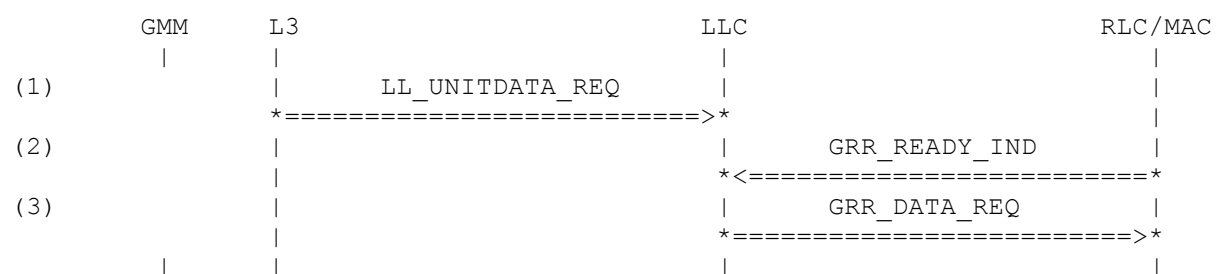
## 3.4.3 LLC111: SAPI 1, RLC/MAC acknowledged mode, Radio Priority 1, RLC/MAC ready

## Description:

LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ.

## Preamble:

LLC001



## Parametrization:

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |

|                   |                        |                               |
|-------------------|------------------------|-------------------------------|
|                   | reserved_unitdata_req4 | NOT_USED                      |
|                   | reserved_unitdata_req5 | NOT_USED                      |
|                   | sdu                    | LLREQ_SDU100                  |
| (2) GRR_READY_IND |                        |                               |
| (3) GRR_DATA_REQ  |                        |                               |
|                   | sapi                   | LL_SAPI_1                     |
|                   | tlli                   | TLLI_LOCAL_1                  |
|                   | grr_qos                | GRRREQ_QOS_PEAKESSUB          |
|                   | radio_prio             | LL_RADIO_PRIO_1               |
|                   | cause                  | GRR_DTACS_MOBILITY_MANAGEMENT |
|                   | reserved_data_req      | NOT_USED                      |
|                   | sdu                    | GRRREQ_SDU100_SAPI1_PM        |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-Nov-1999 | DB | Initial                             |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed          |

**3.4.4 LLC140: Transmission of several frames for different SAPs, RLC/MAC ready**

## Description:

LLC receives data (100 octets) for unacknowledged transmission on every SAPI. RLC/MAC is ready to receive data. LLC sends the received data for each SAPI in an UI frame to RLC/MAC using the primitive GRR\_UNITDATA\_REQ.

## Preamble:

LLC002

| GMM  | L3               | LLC              | RLC/MAC |
|------|------------------|------------------|---------|
| (1)  | LL_UNITDATA_REQ  |                  |         |
| (2)  | LL_UNITDATA_REQ  |                  |         |
| (3)  | LL_UNITDATA_REQ  |                  |         |
| (4)  | LL_UNITDATA_REQ  |                  |         |
| (5)  | LL_UNITDATA_REQ  |                  |         |
| (6)  | LL_UNITDATA_REQ  |                  |         |
| (7)  |                  | GRR_READY_IND    |         |
| (8)  |                  | GRR_UNITDATA_REQ |         |
| (9)  |                  | GRR_READY_IND    |         |
| (10) |                  | GRR_UNITDATA_REQ |         |
| (11) | LL_UNITREADY_IND |                  |         |
| (12) |                  | GRR_READY_IND    |         |
| (13) |                  | GRR_UNITDATA_REQ |         |
| (14) | LL_UNITREADY_IND |                  |         |
| (15) |                  | GRR_READY_IND    |         |
| (16) |                  | GRR_DATA_REQ     |         |
| (17) | LL_UNITREADY_IND |                  |         |
| (18) |                  | GRR_READY_IND    |         |
| (19) |                  | GRR_UNITDATA_REQ |         |
| (20) | LL_UNITREADY_IND |                  |         |
| (21) |                  | GRR_READY_IND    |         |
| (22) |                  | GRR_UNITDATA_REQ |         |
| (23) | LL_UNITREADY_IND |                  |         |

**Parametrization:**

| Primitive           | Parameter  | Value               |
|---------------------|------------|---------------------|
| (1) LL_UNITDATA_REQ | sapi       | LL_SAPI_1           |
|                     | tlli       | TLLI_LOCAL_1        |
|                     | ll_qos     | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio | LL_RADIO_PRIO_3     |

|                     |                        |                     |
|---------------------|------------------------|---------------------|
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (2) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_3           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (3) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_5           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (4) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_7           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (5) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_9           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |



## (6) LL\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_11          |
| tlli                   | TLLI_LOCAL_1        |
| ll_qos                 | LLREQ_QOS_DEL4_REL5 |
| radio_prio             | LL_RADIO_PRIO_3     |
| cipher                 | LL_CIPHER_OFF       |
| reserved_unitdata_req1 | NOT_USED            |
| seg_pos                | NOT_USED            |
| attached_counter       | LLC_NO_ATTACHE      |
| reserved_unitdata_req4 | NOT_USED            |
| reserved_unitdata_req5 | NOT_USED            |
| sdu                    | LLREQ_SDU100        |

## (7) GRR\_READY\_IND

## (8) GRR\_UNITDATA\_REQ

|                        |                      |
|------------------------|----------------------|
| sapi                   | LL_SAPI_1            |
| tlli                   | TLLI_LOCAL_1         |
| grr_qos                | GRRREQ_QOS_PEAKESSUB |
| radio_prio             | LL_RADIO_PRIO_3      |
| reserved_unitdata_req1 | NOT_USED             |
| reserved_unitdata_req2 | NOT_USED             |
| sdu                    | GRRREQ_SDU100_SAPI1  |

## (9) GRR\_READY\_IND

## (10) GRR\_UNITDATA\_REQ

|                        |                      |
|------------------------|----------------------|
| sapi                   | LL_SAPI_3            |
| tlli                   | TLLI_LOCAL_1         |
| grr_qos                | GRRREQ_QOS_PEAKESSUB |
| radio_prio             | LL_RADIO_PRIO_3      |
| reserved_unitdata_req1 | NOT_USED             |
| reserved_unitdata_req2 | NOT_USED             |
| sdu                    | GRRREQ_SDU100_SAPI3  |

## (11) LL\_UNITREADY\_IND

|      |                 |
|------|-----------------|
| sapi | LL_SAPI_3       |
| tlli | LL_TLLI_INVALID |

## (12) GRR\_READY\_IND

## (13) GRR\_UNITDATA\_REQ

|                        |                      |
|------------------------|----------------------|
| sapi                   | LL_SAPI_5            |
| tlli                   | TLLI_LOCAL_1         |
| grr_qos                | GRRREQ_QOS_PEAKESSUB |
| radio_prio             | LL_RADIO_PRIO_3      |
| reserved_unitdata_req1 | NOT_USED             |
| reserved_unitdata_req2 | NOT_USED             |
| sdu                    | GRRREQ_SDU100_SAPI5  |

## (14) LL\_UNITREADY\_IND

|      |                 |
|------|-----------------|
| sapi | LL_SAPI_5       |
| tlli | LL_TLLI_INVALID |

## (15) GRR\_READY\_IND

## (16) GRR\_DATA\_REQ

|            |                      |
|------------|----------------------|
| sapi       | LL_SAPI_7            |
| tlli       | TLLI_LOCAL_1         |
| grr_qos    | GRRREQ_QOS_PEAKESSUB |
| radio_prio | LL_RADIO_PRIO_3      |
| cause      | GRR_DTACS_DEF        |

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
|                       | reserved_data_req      | NOT_USED               |
|                       | sdu                    | GRRREQ_SDU100_SAPI7_PM |
| (17) LL_UNITREADY_IND |                        |                        |
|                       | sapi                   | LL_SAPI_7              |
|                       | tlli                   | LL_TLLI_INVALID        |
| (18) GRR_READY_IND    |                        |                        |
| (19) GRR_UNITDATA_REQ |                        |                        |
|                       | sapi                   | LL_SAPI_9              |
|                       | tlli                   | TLLI_LOCAL_1           |
|                       | grr_qos                | GRRREQ_QOS_PEAKSUB     |
|                       | radio_prio             | LL_RADIO_PRIO_3        |
|                       | reserved_unitdata_req1 | NOT_USED               |
|                       | reserved_unitdata_req2 | NOT_USED               |
|                       | sdu                    | GRRREQ_SDU100_SAPI9    |
| (20) LL_UNITREADY_IND |                        |                        |
|                       | sapi                   | LL_SAPI_9              |
|                       | tlli                   | LL_TLLI_INVALID        |
| (21) GRR_READY_IND    |                        |                        |
| (22) GRR_UNITDATA_REQ |                        |                        |
|                       | sapi                   | LL_SAPI_11             |
|                       | tlli                   | TLLI_LOCAL_1           |
|                       | grr_qos                | GRRREQ_QOS_PEAKSUB     |
|                       | radio_prio             | LL_RADIO_PRIO_3        |
|                       | reserved_unitdata_req1 | NOT_USED               |
|                       | reserved_unitdata_req2 | NOT_USED               |
|                       | sdu                    | GRRREQ_SDU100_SAPI11   |
| (23) LL_UNITREADY_IND |                        |                        |
|                       | sapi                   | LL_SAPI_11             |
|                       | tlli                   | LL_TLLI_INVALID        |

## History:

|             |    |  |
|-------------|----|--|
| 18-Oct-1999 | DB | Initial  |
| 30-Nov-1999 | DB | Removed flow control for SAPI 1 (LL_UNITREADY_IND) |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED       |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                   |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs                |
| 12-Sep-2001 | GS | Use GRR_DATA_REQ in case of SAPI 7                 |

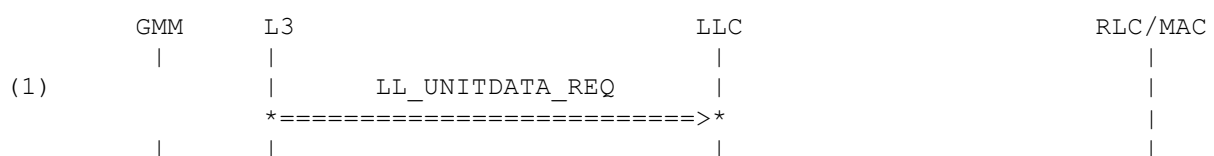
## 3.4.5 LLC145: SAPI 1, RLC/MAC acknowledged mode, Radio Priority 1, RLC/MAC not ready

## Description:

LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data. LLC buffers the data for later sending with GRR\_UNITDATA\_REQ (see LLC026).

## Preamble:

LLC001



## Parametrization:

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |

## History:

|             |    |   |
|-------------|----|---|
| 23-Sep-1999 | DB | Initial   |
| 03-Apr-2000 | DB | Corrected SAPI 1 behaviour: reliability class must be 3 |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                        |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs                     |

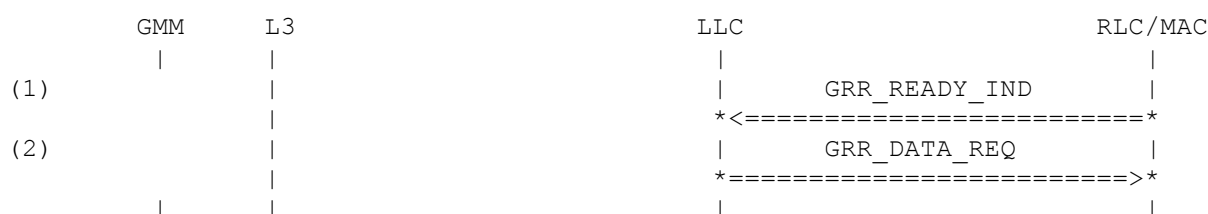
**3.4.6 LLC146: RLC/MAC ready, transmit buffered frame (RLC/MAC acknowledged mode, Radio Priority 1)**

## Description:

LLC receives the indication that RLC/MAC is now ready to receive data. LLC sends the already buffered data (see LLC145) with GRR\_UNITDATA\_REQ.

## Preamble:

LLC145



## Parametrization:

| Primitive         | Parameter         | Value                         |
|-------------------|-------------------|-------------------------------|
| (1) GRR_READY_IND |                   |                               |
| (2) GRR_DATA_REQ  |                   |                               |
|                   | sapi              | LL_SAPI_1                     |
|                   | tlli              | TLLI_LOCAL_1                  |
|                   | grr_qos           | GRRREQ_QOS_PEAUSUB            |
|                   | radio_prio        | LL_RADIO_PRIO_1               |
|                   | cause             | GRR_DTACS_MOBILITY_MANAGEMENT |
|                   | reserved_data_req | NOT_USED                      |
|                   | sdu               | GRRREQ_SDU100_SAPI1_PM        |

## History:

|             |    |   |
|-------------|----|---|
| 23-Sep-1999 | DB | Initial   |
| 30-Nov-1999 | DB | Removed flow control for SAPI 1 (LL_UNITREADY_IND)              |
| 03-Apr-2000 | DB | Corrected SAPI 1 behaviour: reliability class 3 -> GRR_DATA_REQ |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                                |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed                                      |

### 3.5 Unacknowledged transmission of large frames (LLC150 – LLC199)

#### 3.5.1 LLC150: RLC/MAC unacknowledged mode, Radio Priority 3, RLC/MAC ready

## Description:

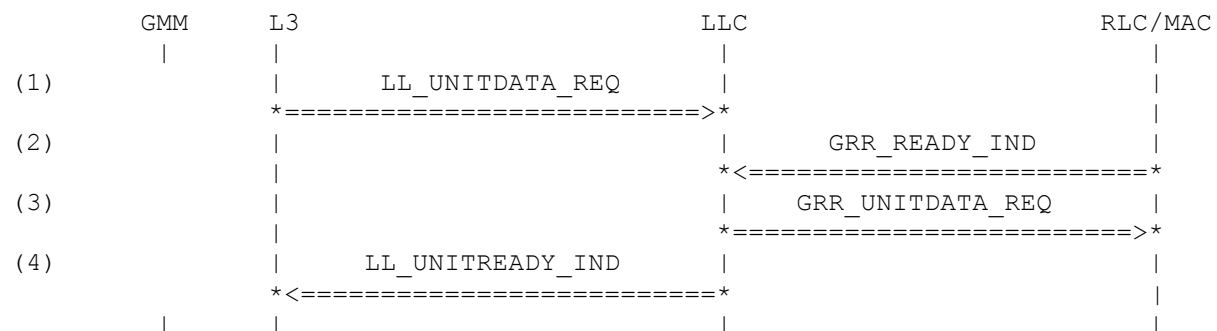
All XID values are set to max. LLC receives data (1000 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_UNITDATA\_REQ.

## Variants:

<A>....<D>

## Preamble:

<A>LLC059B  
 <B>LLC059C  
 <C>LLC059E  
 <D>LLC059F



## Parametrization:

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ |                        |                     |
| <A>                 | sapi                   | LL_SAPI_3           |
| <B>                 | sapi                   | LL_SAPI_5           |
| <C>                 | sapi                   | LL_SAPI_9           |
| <D>                 | sapi                   | LL_SAPI_11          |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU1000       |
| (2) GRR_READY_IND   |                        |                     |

## (3) GRR\_UNITDATA\_REQ

|     |                        |                       |
|-----|------------------------|-----------------------|
| <A> | sapi                   | LL_SAPI_3             |
| <B> | sapi                   | LL_SAPI_5             |
| <C> | sapi                   | LL_SAPI_9             |
| <D> | sapi                   | LL_SAPI_11            |
|     | tlli                   | TLLI_LOCAL_1          |
|     | grr_qos                | GRRREQ_QOS_PEAKEBSUB  |
|     | radio_prio             | LL_RADIO_PRIO_3       |
|     | reserved_unitdata_req1 | NOT_USED              |
|     | reserved_unitdata_req2 | NOT_USED              |
| <A> | sdu                    | GRRREQ_SDU1000_SAPI3  |
| <B> | sdu                    | GRRREQ_SDU1000_SAPI5  |
| <C> | sdu                    | GRRREQ_SDU1000_SAPI9  |
| <D> | sdu                    | GRRREQ_SDU1000_SAPI11 |

## (4) LL\_UNITREADY\_IND

|     |      |                 |
|-----|------|-----------------|
| <A> | sapi | LL_SAPI_3       |
| <B> | sapi | LL_SAPI_5       |
| <C> | sapi | LL_SAPI_9       |
| <D> | sapi | LL_SAPI_11      |
|     | tlli | LL_TLLI_INVALID |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial                                      |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case)          |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs          |
| 09-Feb-2001 | GS | Preamble 59 add instead of 1                 |
| 12-Sep-2001 | GS | SAPI 7 variant removed.                      |

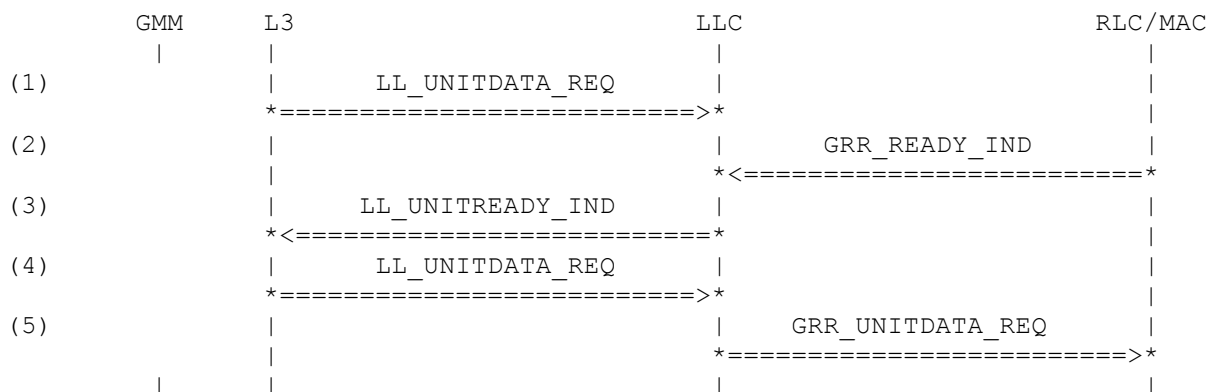
## 3.5.2 LLC155: RLC/MAC unacknowledged mode, Radio Priority 3, RLC/MAC ready, N201 violation in TX

## Description:

All XID values are set to default. LLC receives data (1000 octets) for unacknowledged transmission on sapi 3. RLC/MAC is ready to receive data. LLC does not transmit the frame, because it violates N201-U. Then LLC receives data (100 octets) for unacknowledged transmission. LLC transmits the frame.

## Preamble:

LLC001



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

## (1) LL\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_3           |
| tlli                   | TLLI_LOCAL_1        |
| ll_qos                 | LLREQ_QOS_DEL4_REL5 |
| radio_prio             | LL_RADIO_PRIO_3     |
| cipher                 | LL_CIPHER_OFF       |
| reserved_unitdata_req1 | NOT_USED            |
| seg_pos                | NOT_USED            |
| attached_counter       | LLC_NO_ATTACHE      |
| reserved_unitdata_req4 | NOT_USED            |
| reserved_unitdata_req5 | NOT_USED            |
| sdu                    | LLREQ_SDU1000       |

## (2) GRR\_READY\_IND

## (3) LL\_UNITREADY\_IND

|      |                 |
|------|-----------------|
| sapi | LL_SAPI_3       |
| tlli | LL_TLLI_INVALID |

## (4) LL\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_3           |
| tlli                   | TLLI_LOCAL_1        |
| ll_qos                 | LLREQ_QOS_DEL4_REL5 |
| radio_prio             | LL_RADIO_PRIO_3     |
| cipher                 | LL_CIPHER_OFF       |
| reserved_unitdata_req1 | NOT_USED            |
| seg_pos                | NOT_USED            |
| attached_counter       | LLC_NO_ATTACHE      |
| reserved_unitdata_req4 | NOT_USED            |
| reserved_unitdata_req5 | NOT_USED            |
| sdu                    | LLREQ_SDU100        |

## (5) GRR\_UNITDATA\_REQ

|                        |                         |
|------------------------|-------------------------|
| sapi                   | LL_SAPI_3               |
| tlli                   | TLLI_LOCAL_1            |
| grr_qos                | GRRREQ_QOS_PEAKEUB      |
| radio_prio             | LL_RADIO_PRIO_3         |
| reserved_unitdata_req1 | NOT_USED                |
| reserved_unitdata_req2 | NOT_USED                |
| sdu                    | GRRREQ_SDU100_SAPI3_NU1 |

## History:

09-Feb-2001

GS

Initial

**3.5.3 LLC160: RLC/MAC acknowledged mode, Radio Priority 3, RLC/MAC ready**

## Description:

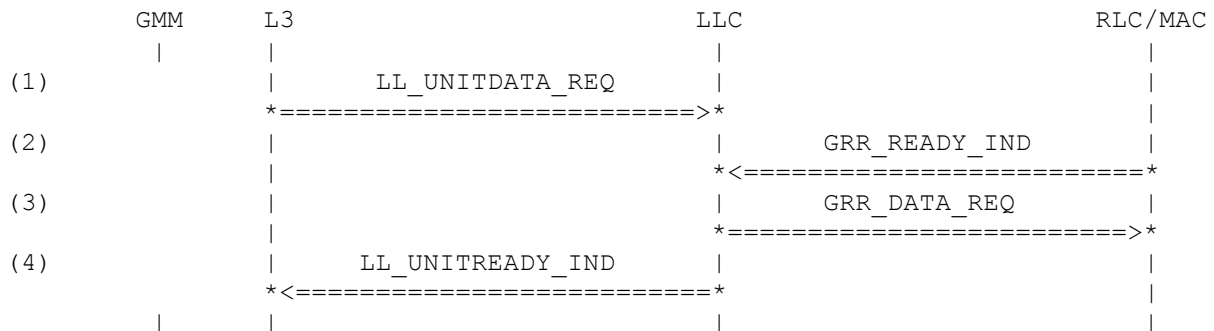
All XID values are set to max. LLC receives data (1000 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ.

## Variants:

&lt;A&gt;....&lt;E&gt;

## Preamble:

<A>LLC059B  
 <B>LLC059C  
 <C>LLC059D  
 <D>LLC059E  
 <E>LLC059F



## Parametrization:

| Primitive           | Parameter              | Value                    |
|---------------------|------------------------|--------------------------|
| (1) LL_UNITDATA_REQ |                        |                          |
| <A>                 | sapi                   | LL_SAPI_3                |
| <B>                 | sapi                   | LL_SAPI_5                |
| <C>                 | sapi                   | LL_SAPI_7                |
| <D>                 | sapi                   | LL_SAPI_9                |
| <E>                 | sapi                   | LL_SAPI_11               |
|                     | tlli                   | TLLI_LOCAL_1             |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3      |
|                     | radio_prio             | LL_RADIO_PRIO_3          |
|                     | cipher                 | LL_CIPHER_OFF            |
|                     | reserved_unitdata_req1 | NOT_USED                 |
|                     | seg_pos                | NOT_USED                 |
|                     | attached_counter       | LLC_NO_ATTACHE           |
|                     | reserved_unitdata_req4 | NOT_USED                 |
|                     | reserved_unitdata_req5 | NOT_USED                 |
|                     | sdu                    | LLREQ_SDU1000            |
| (2) GRR_READY_IND   |                        |                          |
| (3) GRR_DATA_REQ    |                        |                          |
| <A>                 | sapi                   | LL_SAPI_3                |
| <B>                 | sapi                   | LL_SAPI_5                |
| <C>                 | sapi                   | LL_SAPI_7                |
| <D>                 | sapi                   | LL_SAPI_9                |
| <E>                 | sapi                   | LL_SAPI_11               |
|                     | tlli                   | TLLI_LOCAL_1             |
|                     | grr_qos                | GRRREQ_QOS_PEAKSUB       |
|                     | radio_prio             | LL_RADIO_PRIO_3          |
|                     | cause                  | GRR_DTACS_DEF            |
|                     | reserved_data_req      | NOT_USED                 |
| <A>                 | sdu                    | GRRREQ_SDU1000_SAPI3_PM  |
| <B>                 | sdu                    | GRRREQ_SDU1000_SAPI5_PM  |
| <C>                 | sdu                    | GRRREQ_SDU1000_SAPI7_PM  |
| <D>                 | sdu                    | GRRREQ_SDU1000_SAPI9_PM  |
| <E>                 | sdu                    | GRRREQ_SDU1000_SAPI11_PM |

## (4) LL\_UNITREADY\_IND

|     |      |                 |
|-----|------|-----------------|
| <A> | sapi | LL_SAPI_3       |
| <B> | sapi | LL_SAPI_5       |
| <C> | sapi | LL_SAPI_7       |
| <D> | sapi | LL_SAPI_9       |
| <E> | sapi | LL_SAPI_11      |
|     | tlli | LL_TLLI_INVALID |

## History:

|             |    |  |
|-------------|----|--|
| 21-Sep-1999 | DB | Initial                                      |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case)          |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs          |
| 09-Feb-2001 | GS | Preamble modified                            |

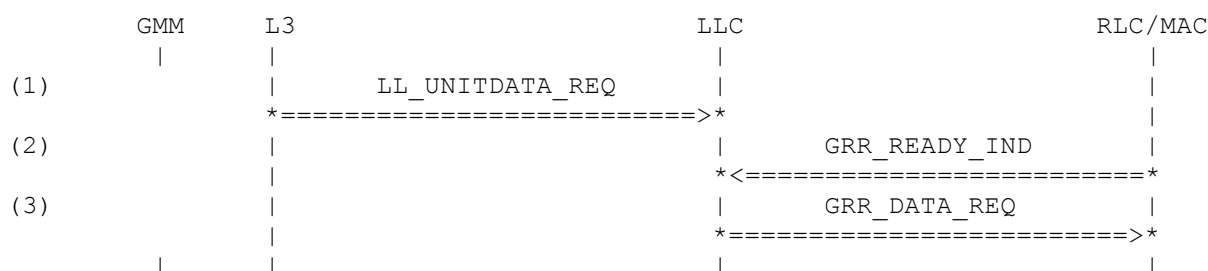
## 3.5.4 LLC161: SAPI 1, RLC/MAC acknowledged mode, Radio Priority 1, RLC/MAC ready

## Description:

All XID values are set to max. LLC receives data (1000 octets) for unacknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ.

## Preamble:

LLC059A



## Parametrization:

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU1000       |
| (2) GRR_READY_IND   |                        |                     |
| (3) GRR_DATA_REQ    | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | grr_qos                | GRRREQ_QOS_PEAKSUB  |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     |                        |                     |



|                   |                               |
|-------------------|-------------------------------|
| cause             | GRR_DTACS_MOBILITY_MANAGEMENT |
| reserved_data_req | NOT_USED                      |
| sdu               | GRRREQ_SDU1000_SAPI1_PM       |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-Nov-1999 | DB | Initial                             |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 09-Feb-2001 | GS | Preamble changed to 59A             |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed          |

### 3.6 Unacknowledged receipt of small frames (LLC200 – LLC249)

#### 3.6.1 LLC200: RLC/MAC unacknowledged mode, layer 3 ready

## Description:

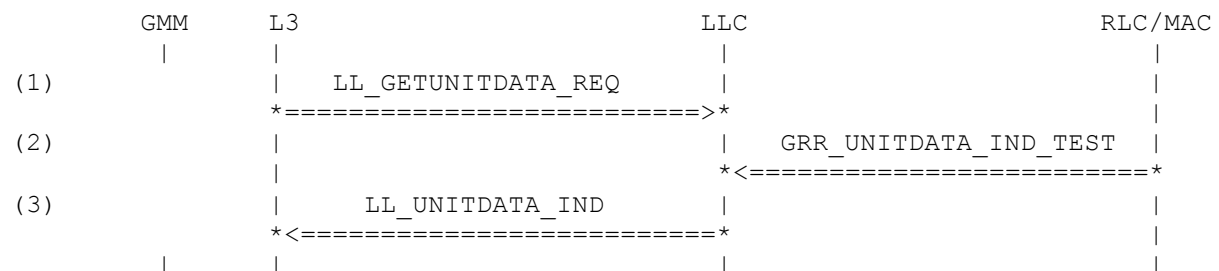
LLC receives unacknowledged data (100 octets) in an UI frame with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;



## Parametrization:

| Primitive                 | Parameter | Value                     |
|---------------------------|-----------|---------------------------|
| (1) LL_GETUNITDATA_REQ    |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |
|                           | tlli      | TLLI_LOCAL_1              |
| (2) GRR_UNITDATA_IND_TEST |           |                           |
|                           | tlli      | TLLI_LOCAL_1              |
| <A>                       | sdu       | GRRIND_DESCLIST100_SAPI3  |
| <B>                       | sdu       | GRRIND_DESCLIST100_SAPI5  |
| <C>                       | sdu       | GRRIND_DESCLIST100_SAPI7  |
| <D>                       | sdu       | GRRIND_DESCLIST100_SAPI9  |
| <E>                       | sdu       | GRRIND_DESCLIST100_SAPI11 |
| (3) LL_UNITDATA_IND       |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |

|     |                        |                     |
|-----|------------------------|---------------------|
| <C> | sapi                   | LL_SAPI_7           |
| <D> | sapi                   | LL_SAPI_9           |
| <E> | sapi                   | LL_SAPI_11          |
|     | tlli                   | TLLI_LOCAL_1        |
|     | reserved_unitdata_ind1 | NOT_USED            |
|     | reserved_unitdata_ind2 | NOT_USED            |
|     | reserved_unitdata_ind3 | NOT_USED            |
|     | reserved_unitdata_ind4 | NOT_USED            |
|     | reserved_unitdata_ind5 | NOT_USED            |
|     | cipher                 | LL_CIPHER_OFF       |
| <A> | sdu                    | LLIND_SDU100_SAPI3  |
| <B> | sdu                    | LLIND_SDU100_SAPI5  |
| <C> | sdu                    | LLIND_SDU100_SAPI7  |
| <D> | sdu                    | LLIND_SDU100_SAPI9  |
| <E> | sdu                    | LLIND_SDU100_SAPI11 |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 21-Sep-1999 | DB | Initial                             |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case) |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ to the top |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |

## 3.6.2 LLC210: RLC/MAC acknowledged mode, layer 3 ready

## Description:

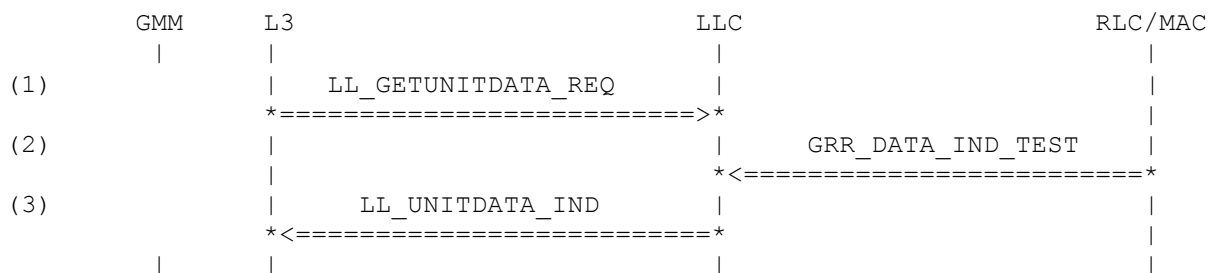
LLC receives unacknowledged data (100 octets) in an UI frame with the primitive GRR\_DATA\_IND (RLC/MAC acknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;



## Parametrization:

| Primitive              | Parameter | Value                    |
|------------------------|-----------|--------------------------|
| (1) LL_GETUNITDATA_REQ |           |                          |
| <A>                    | sapi      | LL_SAPI_3                |
| <B>                    | sapi      | LL_SAPI_5                |
| <C>                    | sapi      | LL_SAPI_7                |
| <D>                    | sapi      | LL_SAPI_9                |
| <E>                    | sapi      | LL_SAPI_11               |
|                        | tlli      | TLLI_LOCAL_1             |
| (2) GRR_DATA_IND_TEST  |           |                          |
| <A>                    | tlli      | TLLI_LOCAL_1             |
|                        | sdu       | GRRIND_DESCLIST100_SAPI3 |

|                     |                        |                           |
|---------------------|------------------------|---------------------------|
| <B>                 | sdu                    | GRRIND_DESCLIST100_SAPI5  |
| <C>                 | sdu                    | GRRIND_DESCLIST100_SAPI7  |
| <D>                 | sdu                    | GRRIND_DESCLIST100_SAPI9  |
| <E>                 | sdu                    | GRRIND_DESCLIST100_SAPI11 |
| (3) LL_UNITDATA_IND |                        |                           |
| <A>                 | sapi                   | LL_SAPI_3                 |
| <B>                 | sapi                   | LL_SAPI_5                 |
| <C>                 | sapi                   | LL_SAPI_7                 |
| <D>                 | sapi                   | LL_SAPI_9                 |
| <E>                 | sapi                   | LL_SAPI_11                |
|                     | tlli                   | TLLI_LOCAL_1              |
|                     | reserved_unitdata_ind1 | NOT_USED                  |
|                     | reserved_unitdata_ind2 | NOT_USED                  |
|                     | reserved_unitdata_ind3 | NOT_USED                  |
|                     | reserved_unitdata_ind4 | NOT_USED                  |
|                     | reserved_unitdata_ind5 | NOT_USED                  |
|                     | cipher                 | LL_CIPHER_OFF             |
| <A>                 | sdu                    | LLIND_SDU100_SAPI3        |
| <B>                 | sdu                    | LLIND_SDU100_SAPI5        |
| <C>                 | sdu                    | LLIND_SDU100_SAPI7        |
| <D>                 | sdu                    | LLIND_SDU100_SAPI9        |
| <E>                 | sdu                    | LLIND_SDU100_SAPI11       |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 21-Sep-1999 | DB | Initial                             |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case) |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ to the top |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |

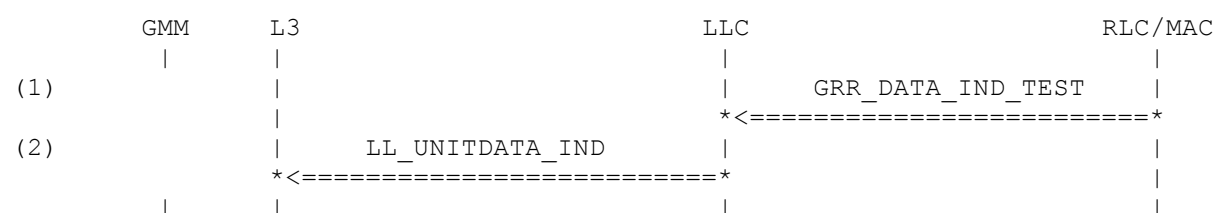
## 3.6.3 LLC211: SAPI 1, RLC/MAC acknowledged mode, layer 3 ready

## Description:

LLC receives unacknowledged data (100 octets) in an UI frame with the primitive GRR\_DATA\_IND (RLC/MAC acknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter | Value                    |
|-----------------------|-----------|--------------------------|
| (1) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1             |
|                       | sdu       | GRRIND_DESCLIST100_SAPI1 |
| (2) LL_UNITDATA_IND   | sapi      | LL_SAPI_1                |
|                       | tlli      | TLLI_LOCAL_1             |

|                        |                    |
|------------------------|--------------------|
| reserved_unitdata_ind1 | NOT_USED           |
| reserved_unitdata_ind2 | NOT_USED           |
| reserved_unitdata_ind3 | NOT_USED           |
| reserved_unitdata_ind4 | NOT_USED           |
| reserved_unitdata_ind5 | NOT_USED           |
| cipher                 | LL_CIPHER_OFF      |
| sdu                    | LLIND_SDU100_SAPI1 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 30-Nov-1999 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.6.4 LLC240: Receipt of several frames for different SAPIs, layer 3 ready**

## Description:

LLC receives unacknowledged data (100 octets) in an UI frame for each SAPI with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

| GMM  | L3                 | LLC                   | RLC/MAC |
|------|--------------------|-----------------------|---------|
| (1)  |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (2)  | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
| (3)  | LL_GETUNITDATA_REQ |                       |         |
|      | *=====>*           |                       |         |
| (4)  |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (5)  | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
| (6)  | LL_GETUNITDATA_REQ |                       |         |
|      | *=====>*           |                       |         |
| (7)  |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (8)  | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
| (9)  | LL_GETUNITDATA_REQ |                       |         |
|      | *=====>*           |                       |         |
| (10) |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (11) | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
| (12) | LL_GETUNITDATA_REQ |                       |         |
|      | *=====>*           |                       |         |
| (13) |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (14) | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
| (15) | LL_GETUNITDATA_REQ |                       |         |
|      | *=====>*           |                       |         |
| (16) |                    | GRR_UNITDATA_IND_TEST |         |
|      |                    | *<=====*              |         |
| (17) | LL_UNITDATA_IND    |                       |         |
|      | *<=====*           |                       |         |
|      |                    |                       |         |

**Parametrization:**

| Primitive                 | Parameter   | Value  |
|---------------------------|---|--|
| (1) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI1   |
| (2) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI1 |
| (3) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |

|                            |   |  |
|----------------------------|---|--|
| (4) GRR_UNITDATA_IND_TEST  | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI3   |
| (5) LL_UNITDATA_IND        | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI3 |
| (6) LL_GETUNITDATA_REQ     | sapi<br>tlli  | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (7) GRR_UNITDATA_IND_TEST  | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI5   |
| (8) LL_UNITDATA_IND        | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI5 |
| (9) LL_GETUNITDATA_REQ     | sapi<br>tlli  | LL_SAPI_7<br>TLLI_LOCAL_1  |
| (10) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI7   |
| (11) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_7<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI7 |
| (12) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_9<br>TLLI_LOCAL_1  |
| (13) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI9   |
| (14) LL_UNITDATA_IND       | sapi  | LL_SAPI_9  |

|                            |                        |                           |
|----------------------------|------------------------|---------------------------|
|                            | tlli                   | TLLI_LOCAL_1              |
|                            | reserved_unitdata_ind1 | NOT_USED                  |
|                            | reserved_unitdata_ind2 | NOT_USED                  |
|                            | reserved_unitdata_ind3 | NOT_USED                  |
|                            | reserved_unitdata_ind4 | NOT_USED                  |
|                            | reserved_unitdata_ind5 | NOT_USED                  |
|                            | cipher                 | LL_CIPHER_OFF             |
|                            | sdu                    | LLIND_SDU100_SAPI9        |
| (15) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_11                |
|                            | tlli                   | TLLI_LOCAL_1              |
| (16) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1              |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI11 |
| (17) LL_UNITDATA_IND       | sapi                   | LL_SAPI_11                |
|                            | tlli                   | TLLI_LOCAL_1              |
|                            | reserved_unitdata_ind1 | NOT_USED                  |
|                            | reserved_unitdata_ind2 | NOT_USED                  |
|                            | reserved_unitdata_ind3 | NOT_USED                  |
|                            | reserved_unitdata_ind4 | NOT_USED                  |
|                            | reserved_unitdata_ind5 | NOT_USED                  |
|                            | cipher                 | LL_CIPHER_OFF             |
|                            | sdu                    | LLIND_SDU100_SAPI11       |

## History:

|             |    |  |
|-------------|----|--|
| 18-Oct-1999 | DB | Initial  |
| 30-Nov-1999 | DB | Removed flow control for SAPI 1 (LL_GETUNITDATA_REQ) |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ                             |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                     |

**3.6.5 LLC241: Receipt of several correctly numbered frames for one SAPI, layer 3 ready**

## Description:

LLC receives unacknowledged data (100 octets) in UI frames with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

<A>....<E>

|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (3)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (4)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (6)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (7)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (8)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (9)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (10) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (11) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (12) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (13) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (14) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (15) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
|      |     |                    |                       |         |

**Parametrization:**

| Primitive                 | Parameter | Value                     |
|---------------------------|-----------|---------------------------|
| (1) LL_GETUNITDATA_REQ    |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |
|                           | tlli      | TLLI_LOCAL_1              |
| (2) GRR_UNITDATA_IND_TEST |           |                           |
|                           | tlli      | TLLI_LOCAL_1              |
| <A>                       | sdu       | GRRIND_DESCLIST100_SAPI3  |
| <B>                       | sdu       | GRRIND_DESCLIST100_SAPI5  |
| <C>                       | sdu       | GRRIND_DESCLIST100_SAPI7  |
| <D>                       | sdu       | GRRIND_DESCLIST100_SAPI9  |
| <E>                       | sdu       | GRRIND_DESCLIST100_SAPI11 |
| (3) LL_UNITDATA_IND       |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |



|                           |                        |                               |
|---------------------------|------------------------|-------------------------------|
|                           | tlli                   | TLLI_LOCAL_1                  |
|                           | reserved_unitdata_ind1 | NOT_USED                      |
|                           | reserved_unitdata_ind2 | NOT_USED                      |
|                           | reserved_unitdata_ind3 | NOT_USED                      |
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_SAPI3            |
| <B>                       | sdu                    | LLIND_SDU100_SAPI5            |
| <C>                       | sdu                    | LLIND_SDU100_SAPI7            |
| <D>                       | sdu                    | LLIND_SDU100_SAPI9            |
| <E>                       | sdu                    | LLIND_SDU100_SAPI11           |
| (4) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (5) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI11 |
| (6) LL_UNITDATA_IND       |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
|                           | reserved_unitdata_ind1 | NOT_USED                      |
|                           | reserved_unitdata_ind2 | NOT_USED                      |
|                           | reserved_unitdata_ind3 | NOT_USED                      |
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_NU1_SAPI3        |
| <B>                       | sdu                    | LLIND_SDU100_NU1_SAPI5        |
| <C>                       | sdu                    | LLIND_SDU100_NU1_SAPI7        |
| <D>                       | sdu                    | LLIND_SDU100_NU1_SAPI9        |
| <E>                       | sdu                    | LLIND_SDU100_NU1_SAPI11       |
| (7) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (8) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI5  |

|                            |                        |                               |
|----------------------------|------------------------|-------------------------------|
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI11 |
| (9) LL_UNITDATA_IND        |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU2_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU2_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU2_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU2_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU2_SAPI11       |
| (10) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
| (11) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlli                   | TLLI_LOCAL_1                  |
| <A>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI3  |
| <B>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI5  |
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI11 |
| (12) LL_UNITDATA_IND       |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU3_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU3_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU3_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU3_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU3_SAPI11       |
| (13) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |

|                            |                        |                               |
|----------------------------|------------------------|-------------------------------|
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
| (14) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlli                   | TLLI_LOCAL_1                  |
| <A>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI3  |
| <B>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI5  |
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI11 |
| (15) LL_UNITDATA_IND       |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU4_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU4_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU4_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU4_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU4_SAPI11       |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.6.6 LLC242: Receipt of several incorrectly numbered frames for one SAPI, layer 3 ready**

## Description:

LLC receives unacknowledged data (100 octets) in UI frames with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

<A>....<E>

|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (3)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (4)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (6)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (7)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (8)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (9)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (10) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (11) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (12) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (13) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (14) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (15) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
|      |     |                    |                       |         |

**Parametrization:**

| Primitive                 | Parameter | Value                     |
|---------------------------|-----------|---------------------------|
| (1) LL_GETUNITDATA_REQ    |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |
|                           | tlli      | TLLI_LOCAL_1              |
| (2) GRR_UNITDATA_IND_TEST |           |                           |
|                           | tlli      | TLLI_LOCAL_1              |
| <A>                       | sdu       | GRRIND_DESCLIST100_SAPI3  |
| <B>                       | sdu       | GRRIND_DESCLIST100_SAPI5  |
| <C>                       | sdu       | GRRIND_DESCLIST100_SAPI7  |
| <D>                       | sdu       | GRRIND_DESCLIST100_SAPI9  |
| <E>                       | sdu       | GRRIND_DESCLIST100_SAPI11 |
| (3) LL_UNITDATA_IND       |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |

|                           |                        |                               |
|---------------------------|------------------------|-------------------------------|
|                           | tlli                   | TLLI_LOCAL_1                  |
|                           | reserved_unitdata_ind1 | NOT_USED                      |
|                           | reserved_unitdata_ind2 | NOT_USED                      |
|                           | reserved_unitdata_ind3 | NOT_USED                      |
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_SAPI3            |
| <B>                       | sdu                    | LLIND_SDU100_SAPI5            |
| <C>                       | sdu                    | LLIND_SDU100_SAPI7            |
| <D>                       | sdu                    | LLIND_SDU100_SAPI9            |
| <E>                       | sdu                    | LLIND_SDU100_SAPI11           |
| (4) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (5) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI11 |
| (6) LL_UNITDATA_IND       |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
|                           | reserved_unitdata_ind1 | NOT_USED                      |
|                           | reserved_unitdata_ind2 | NOT_USED                      |
|                           | reserved_unitdata_ind3 | NOT_USED                      |
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_NU1_SAPI3        |
| <B>                       | sdu                    | LLIND_SDU100_NU1_SAPI5        |
| <C>                       | sdu                    | LLIND_SDU100_NU1_SAPI7        |
| <D>                       | sdu                    | LLIND_SDU100_NU1_SAPI9        |
| <E>                       | sdu                    | LLIND_SDU100_NU1_SAPI11       |
| (7) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (8) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU3_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU3_SAPI5  |

|                            |                        |                               |
|----------------------------|------------------------|-------------------------------|
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU3_SAPI11 |
| (9) LL_UNITDATA_IND        |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU3_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU3_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU3_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU3_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU3_SAPI11       |
| (10) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
| (11) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlli                   | TLLI_LOCAL_1                  |
| <A>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI3  |
| <B>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI5  |
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU2_SAPI11 |
| (12) LL_UNITDATA_IND       |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU2_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU2_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU2_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU2_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU2_SAPI11       |
| (13) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |

|                            |                        |                               |
|----------------------------|------------------------|-------------------------------|
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
| (14) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlli                   | TLLI_LOCAL_1                  |
| <A>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI3  |
| <B>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI5  |
| <C>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI7  |
| <D>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI9  |
| <E>                        | sdu                    | GRRIND_DESCLIST100_NU4_SAPI11 |
| (15) LL_UNITDATA_IND       |                        |                               |
| <A>                        | sapi                   | LL_SAPI_3                     |
| <B>                        | sapi                   | LL_SAPI_5                     |
| <C>                        | sapi                   | LL_SAPI_7                     |
| <D>                        | sapi                   | LL_SAPI_9                     |
| <E>                        | sapi                   | LL_SAPI_11                    |
|                            | tlli                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
| <A>                        | sdu                    | LLIND_SDU100_NU4_SAPI3        |
| <B>                        | sdu                    | LLIND_SDU100_NU4_SAPI5        |
| <C>                        | sdu                    | LLIND_SDU100_NU4_SAPI7        |
| <D>                        | sdu                    | LLIND_SDU100_NU4_SAPI9        |
| <E>                        | sdu                    | LLIND_SDU100_NU4_SAPI11       |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.6.7 LLC243: Receipt of several duplicated numbered frames for one SAPI, layer 3 ready**

## Description:

LLC receives unacknowledged data (100 octets) in UI frames with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

<A>....<E>

|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (3)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (4)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (6)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (7)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (8)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (9)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (10) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (11) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (12) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (13) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
|      |     |                    |                       |         |

**Parametrization:**

| Primitive                 | Parameter              | Value                     |
|---------------------------|------------------------|---------------------------|
| (1) LL_GETUNITDATA_REQ    |                        |                           |
| <A>                       | sapi                   | LL_SAPI_3                 |
| <B>                       | sapi                   | LL_SAPI_5                 |
| <C>                       | sapi                   | LL_SAPI_7                 |
| <D>                       | sapi                   | LL_SAPI_9                 |
| <E>                       | sapi                   | LL_SAPI_11                |
|                           | tlli                   | TLLI_LOCAL_1              |
| (2) GRR_UNITDATA_IND_TEST |                        |                           |
|                           | tlli                   | TLLI_LOCAL_1              |
| <A>                       | sdu                    | GRRIND_DESCLIST100_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST100_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST100_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST100_SAPI11 |
| (3) LL_UNITDATA_IND       |                        |                           |
| <A>                       | sapi                   | LL_SAPI_3                 |
| <B>                       | sapi                   | LL_SAPI_5                 |
| <C>                       | sapi                   | LL_SAPI_7                 |
| <D>                       | sapi                   | LL_SAPI_9                 |
| <E>                       | sapi                   | LL_SAPI_11                |
|                           | tlli                   | TLLI_LOCAL_1              |
|                           | reserved_unitdata_ind1 | NOT_USED                  |
|                           | reserved_unitdata_ind2 | NOT_USED                  |
|                           | reserved_unitdata_ind3 | NOT_USED                  |



|                           |                        |                               |
|---------------------------|------------------------|-------------------------------|
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_SAPI3            |
| <B>                       | sdu                    | LLIND_SDU100_SAPI5            |
| <C>                       | sdu                    | LLIND_SDU100_SAPI7            |
| <D>                       | sdu                    | LLIND_SDU100_SAPI9            |
| <E>                       | sdu                    | LLIND_SDU100_SAPI11           |
| (4) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (5) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST100_NU1_SAPI11 |
| (6) LL_UNITDATA_IND       |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
|                           | reserved_unitdata_ind1 | NOT_USED                      |
|                           | reserved_unitdata_ind2 | NOT_USED                      |
|                           | reserved_unitdata_ind3 | NOT_USED                      |
|                           | reserved_unitdata_ind4 | NOT_USED                      |
|                           | reserved_unitdata_ind5 | NOT_USED                      |
|                           | cipher                 | LL_CIPHER_OFF                 |
| <A>                       | sdu                    | LLIND_SDU100_NU1_SAPI3        |
| <B>                       | sdu                    | LLIND_SDU100_NU1_SAPI5        |
| <C>                       | sdu                    | LLIND_SDU100_NU1_SAPI7        |
| <D>                       | sdu                    | LLIND_SDU100_NU1_SAPI9        |
| <E>                       | sdu                    | LLIND_SDU100_NU1_SAPI11       |
| (7) LL_GETUNITDATA_REQ    |                        |                               |
| <A>                       | sapi                   | LL_SAPI_3                     |
| <B>                       | sapi                   | LL_SAPI_5                     |
| <C>                       | sapi                   | LL_SAPI_7                     |
| <D>                       | sapi                   | LL_SAPI_9                     |
| <E>                       | sapi                   | LL_SAPI_11                    |
|                           | tlli                   | TLLI_LOCAL_1                  |
| (8) GRR_UNITDATA_IND_TEST |                        |                               |
|                           | tlli                   | TLLI_LOCAL_1                  |
| <A>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST100_NU2_SAPI11 |

## (9) LL\_UNITDATA\_IND

|     |                        |                         |
|-----|------------------------|-------------------------|
| <A> | sapi                   | LL_SAPI_3               |
| <B> | sapi                   | LL_SAPI_5               |
| <C> | sapi                   | LL_SAPI_7               |
| <D> | sapi                   | LL_SAPI_9               |
| <E> | sapi                   | LL_SAPI_11              |
|     | tlli                   | TLLI_LOCAL_1            |
|     | reserved_unitdata_ind1 | NOT_USED                |
|     | reserved_unitdata_ind2 | NOT_USED                |
|     | reserved_unitdata_ind3 | NOT_USED                |
|     | reserved_unitdata_ind4 | NOT_USED                |
|     | reserved_unitdata_ind5 | NOT_USED                |
|     | cipher                 | LL_CIPHER_OFF           |
| <A> | sdu                    | LLIND_SDU100_NU2_SAPI3  |
| <B> | sdu                    | LLIND_SDU100_NU2_SAPI5  |
| <C> | sdu                    | LLIND_SDU100_NU2_SAPI7  |
| <D> | sdu                    | LLIND_SDU100_NU2_SAPI9  |
| <E> | sdu                    | LLIND_SDU100_NU2_SAPI11 |

## (10) LL\_GETUNITDATA\_REQ

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_7    |
| <D> | sapi | LL_SAPI_9    |
| <E> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |

## (11) GRR\_UNITDATA\_IND\_TEST

|     |      |                               |
|-----|------|-------------------------------|
|     | tlli | TLLI_LOCAL_1                  |
| <A> | sdu  | GRRIND_DESCLIST100_NU2_SAPI3  |
| <B> | sdu  | GRRIND_DESCLIST100_NU2_SAPI5  |
| <C> | sdu  | GRRIND_DESCLIST100_NU2_SAPI7  |
| <D> | sdu  | GRRIND_DESCLIST100_NU2_SAPI9  |
| <E> | sdu  | GRRIND_DESCLIST100_NU2_SAPI11 |

## (12) GRR\_UNITDATA\_IND\_TEST

|     |      |                               |
|-----|------|-------------------------------|
|     | tlli | TLLI_LOCAL_1                  |
| <A> | sdu  | GRRIND_DESCLIST100_NU3_SAPI3  |
| <B> | sdu  | GRRIND_DESCLIST100_NU3_SAPI5  |
| <C> | sdu  | GRRIND_DESCLIST100_NU3_SAPI7  |
| <D> | sdu  | GRRIND_DESCLIST100_NU3_SAPI9  |
| <E> | sdu  | GRRIND_DESCLIST100_NU3_SAPI11 |

## (13) LL\_UNITDATA\_IND

|     |                        |                        |
|-----|------------------------|------------------------|
| <A> | sapi                   | LL_SAPI_3              |
| <B> | sapi                   | LL_SAPI_5              |
| <C> | sapi                   | LL_SAPI_7              |
| <D> | sapi                   | LL_SAPI_9              |
| <E> | sapi                   | LL_SAPI_11             |
|     | tlli                   | TLLI_LOCAL_1           |
|     | reserved_unitdata_ind1 | NOT_USED               |
|     | reserved_unitdata_ind2 | NOT_USED               |
|     | reserved_unitdata_ind3 | NOT_USED               |
|     | reserved_unitdata_ind4 | NOT_USED               |
|     | reserved_unitdata_ind5 | NOT_USED               |
|     | cipher                 | LL_CIPHER_OFF          |
| <A> | sdu                    | LLIND_SDU100_NU3_SAPI3 |
| <B> | sdu                    | LLIND_SDU100_NU3_SAPI5 |
| <C> | sdu                    | LLIND_SDU100_NU3_SAPI7 |

|     |     |                         |
|-----|-----|-------------------------|
| <D> | sdu | LLIND_SDU100_NU3_SAPI9  |
| <E> | sdu | LLIND_SDU100_NU3_SAPI11 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.6.8 LLC245: RLC/MAC unacknowledged mode, layer 3 not ready, RLC/MAC unacknowledged mode, layer 3 ready**

## Description:

LLC receives unacknowledged data (100 octets) in an UI frame with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode, N(U) = 0). Layer 3 is not ready to receive data. LLC queues the frame. LLC receives the indication, that layer 3 is now ready to receive data and forwards the queued frame to layer 3. LLC receives again unacknowledged data (100 octets) in an UI frame with the primitive GRR\_DATA\_IND (RLC/MAC unacknowledged mode, N(U) = 1). LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;

|                | GMM | L3                 | LLC                   | RLC/MAC |
|----------------|-----|--------------------|-----------------------|---------|
| (1)            |     |                    | GRR_UNITDATA_IND_TEST |         |
|                |     |                    | *<=====*              |         |
| TIMEOUT (2000) |     |                    |                       |         |
| (2)            |     | LL_GETUNITDATA_REQ |                       |         |
|                |     | *=====>*           |                       |         |
| (3)            |     | LL_UNITDATA_IND    |                       |         |
|                |     | *<=====*           |                       |         |
| (4)            |     |                    | GRR_UNITDATA_IND_TEST |         |
|                |     |                    | *<=====*              |         |
| (5)            |     | LL_GETUNITDATA_REQ |                       |         |
|                |     | *=====>*           |                       |         |
| (6)            |     | LL_UNITDATA_IND    |                       |         |
|                |     | *<=====*           |                       |         |
|                |     |                    |                       |         |

## Parametrization:

| Primitive                 | Parameter | Value                     |
|---------------------------|-----------|---------------------------|
| (1) GRR_UNITDATA_IND_TEST |           |                           |
|                           | tlI       | TLLI_LOCAL_1              |
| <A>                       | sdu       | GRRIND_DESCLIST100_SAPI3  |
| <B>                       | sdu       | GRRIND_DESCLIST100_SAPI5  |
| <C>                       | sdu       | GRRIND_DESCLIST100_SAPI7  |
| <D>                       | sdu       | GRRIND_DESCLIST100_SAPI9  |
| <E>                       | sdu       | GRRIND_DESCLIST100_SAPI11 |
| (2) LL_GETUNITDATA_REQ    |           |                           |
| <A>                       | sapi      | LL_SAPI_3                 |
| <B>                       | sapi      | LL_SAPI_5                 |
| <C>                       | sapi      | LL_SAPI_7                 |
| <D>                       | sapi      | LL_SAPI_9                 |
| <E>                       | sapi      | LL_SAPI_11                |
|                           | tlI       | TLLI_LOCAL_1              |

## (3) LL\_UNITDATA\_IND

|     |                        |                     |
|-----|------------------------|---------------------|
| <A> | sapi                   | LL_SAPI_3           |
| <B> | sapi                   | LL_SAPI_5           |
| <C> | sapi                   | LL_SAPI_7           |
| <D> | sapi                   | LL_SAPI_9           |
| <E> | sapi                   | LL_SAPI_11          |
|     | tlli                   | TLLI_LOCAL_1        |
|     | reserved_unitdata_ind1 | NOT_USED            |
|     | reserved_unitdata_ind2 | NOT_USED            |
|     | reserved_unitdata_ind3 | NOT_USED            |
|     | reserved_unitdata_ind4 | NOT_USED            |
|     | reserved_unitdata_ind5 | NOT_USED            |
|     | cipher                 | LL_CIPHER_OFF       |
| <A> | sdu                    | LLIND_SDU100_SAPI3  |
| <B> | sdu                    | LLIND_SDU100_SAPI5  |
| <C> | sdu                    | LLIND_SDU100_SAPI7  |
| <D> | sdu                    | LLIND_SDU100_SAPI9  |
| <E> | sdu                    | LLIND_SDU100_SAPI11 |

## (4) GRR\_UNITDATA\_IND\_TEST

|     |      |                                |
|-----|------|--------------------------------|
|     | tlli | TLLI_LOCAL_1                   |
| <A> | sdu  | GRRIND_DESCLIST100A_NU1_SAPI3  |
| <B> | sdu  | GRRIND_DESCLIST100A_NU1_SAPI5  |
| <C> | sdu  | GRRIND_DESCLIST100A_NU1_SAPI7  |
| <D> | sdu  | GRRIND_DESCLIST100A_NU1_SAPI9  |
| <E> | sdu  | GRRIND_DESCLIST100A_NU1_SAPI11 |

## (5) LL\_GETUNITDATA\_REQ

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_7    |
| <D> | sapi | LL_SAPI_9    |
| <E> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |

## (6) LL\_UNITDATA\_IND

|     |                        |                      |
|-----|------------------------|----------------------|
| <A> | sapi                   | LL_SAPI_3            |
| <B> | sapi                   | LL_SAPI_5            |
| <C> | sapi                   | LL_SAPI_7            |
| <D> | sapi                   | LL_SAPI_9            |
| <E> | sapi                   | LL_SAPI_11           |
|     | tlli                   | TLLI_LOCAL_1         |
|     | reserved_unitdata_ind1 | NOT_USED             |
|     | reserved_unitdata_ind2 | NOT_USED             |
|     | reserved_unitdata_ind3 | NOT_USED             |
|     | reserved_unitdata_ind4 | NOT_USED             |
|     | reserved_unitdata_ind5 | NOT_USED             |
|     | cipher                 | LL_CIPHER_OFF        |
| <A> | sdu                    | LLIND_SDU100A_SAPI3  |
| <B> | sdu                    | LLIND_SDU100A_SAPI5  |
| <C> | sdu                    | LLIND_SDU100A_SAPI7  |
| <D> | sdu                    | LLIND_SDU100A_SAPI9  |
| <E> | sdu                    | LLIND_SDU100A_SAPI11 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 06-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 20-Jul-2001 | GS | Stack behaviour changed.         |

### 3.7 Unacknowledged receipt of large frames (LLC250 – LLC299)

#### 3.7.1 LLC250: RLC/MAC unacknowledged mode, layer 3 ready

## Description:

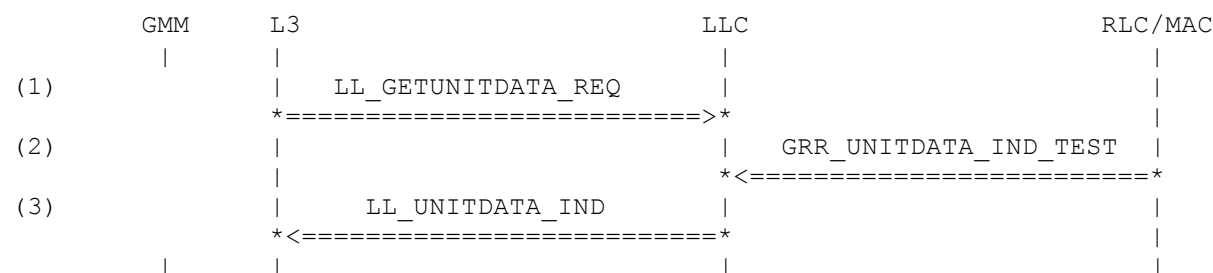
LLC receives unacknowledged data (1000 octets) in an UI frame with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;



## Parametrization:

| Primitive                 | Parameter              | Value                      |
|---------------------------|------------------------|----------------------------|
| (1) LL_GETUNITDATA_REQ    |                        |                            |
| <A>                       | sapi                   | LL_SAPI_3                  |
| <B>                       | sapi                   | LL_SAPI_5                  |
| <C>                       | sapi                   | LL_SAPI_7                  |
| <D>                       | sapi                   | LL_SAPI_9                  |
| <E>                       | sapi                   | LL_SAPI_11                 |
|                           | tlli                   | TLLI_LOCAL_1               |
| (2) GRR_UNITDATA_IND_TEST |                        |                            |
|                           | tlli                   | TLLI_LOCAL_1               |
| <A>                       | sdu                    | GRRIND_DESCLIST1000_SAPI3  |
| <B>                       | sdu                    | GRRIND_DESCLIST1000_SAPI5  |
| <C>                       | sdu                    | GRRIND_DESCLIST1000_SAPI7  |
| <D>                       | sdu                    | GRRIND_DESCLIST1000_SAPI9  |
| <E>                       | sdu                    | GRRIND_DESCLIST1000_SAPI11 |
| (3) LL_UNITDATA_IND       |                        |                            |
| <A>                       | sapi                   | LL_SAPI_3                  |
| <B>                       | sapi                   | LL_SAPI_5                  |
| <C>                       | sapi                   | LL_SAPI_7                  |
| <D>                       | sapi                   | LL_SAPI_9                  |
| <E>                       | sapi                   | LL_SAPI_11                 |
|                           | tlli                   | TLLI_LOCAL_1               |
|                           | reserved_unitdata_ind1 | NOT_USED                   |
|                           | reserved_unitdata_ind2 | NOT_USED                   |

|     |                        |                      |
|-----|------------------------|----------------------|
|     | reserved_unitdata_ind3 | NOT_USED             |
|     | reserved_unitdata_ind4 | NOT_USED             |
|     | reserved_unitdata_ind5 | NOT_USED             |
|     | cipher                 | LL_CIPHER_OFF        |
| <A> | sdu                    | LLIND_SDU1000_SAPI3  |
| <B> | sdu                    | LLIND_SDU1000_SAPI5  |
| <C> | sdu                    | LLIND_SDU1000_SAPI7  |
| <D> | sdu                    | LLIND_SDU1000_SAPI9  |
| <E> | sdu                    | LLIND_SDU1000_SAPI11 |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 21-Sep-1999 | DB | Initial                             |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case) |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ to the top |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |

## 3.7.2 LLC260: RLC/MAC acknowledged mode, layer 3 ready

## Description:

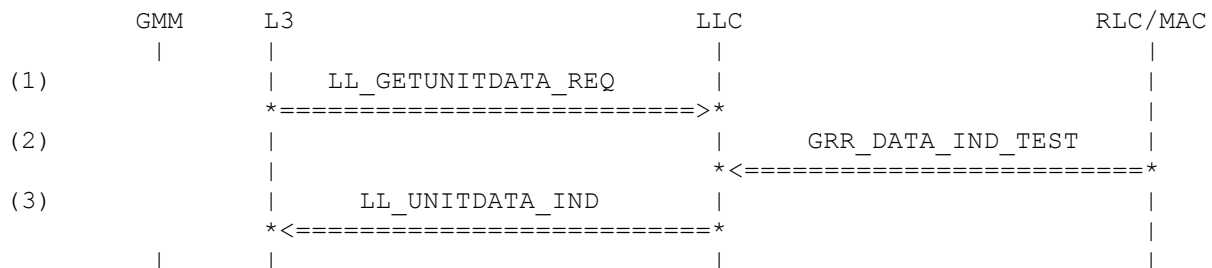
LLC receives unacknowledged data (1000 octets) in an UI frame with the primitive GRR\_DATA\_IND (RLC/MAC acknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;



## Parametrization:

| Primitive              | Parameter | Value                      |
|------------------------|-----------|----------------------------|
| (1) LL_GETUNITDATA_REQ |           |                            |
| <A>                    | sapi      | LL_SAPI_3                  |
| <B>                    | sapi      | LL_SAPI_5                  |
| <C>                    | sapi      | LL_SAPI_7                  |
| <D>                    | sapi      | LL_SAPI_9                  |
| <E>                    | sapi      | LL_SAPI_11                 |
|                        | tlli      | TLLI_LOCAL_1               |
| (2) GRR_DATA_IND_TEST  |           |                            |
|                        | tlli      | TLLI_LOCAL_1               |
| <A>                    | sdu       | GRRIND_DESCLIST1000_SAPI3  |
| <B>                    | sdu       | GRRIND_DESCLIST1000_SAPI5  |
| <C>                    | sdu       | GRRIND_DESCLIST1000_SAPI7  |
| <D>                    | sdu       | GRRIND_DESCLIST1000_SAPI9  |
| <E>                    | sdu       | GRRIND_DESCLIST1000_SAPI11 |

## (3) LL\_UNITDATA\_IND

|     |                        |                      |
|-----|------------------------|----------------------|
| <A> | sapi                   | LL_SAPI_3            |
| <B> | sapi                   | LL_SAPI_5            |
| <C> | sapi                   | LL_SAPI_7            |
| <D> | sapi                   | LL_SAPI_9            |
| <E> | sapi                   | LL_SAPI_11           |
|     | tlli                   | TLLI_LOCAL_1         |
|     | reserved_unitdata_ind1 | NOT_USED             |
|     | reserved_unitdata_ind2 | NOT_USED             |
|     | reserved_unitdata_ind3 | NOT_USED             |
|     | reserved_unitdata_ind4 | NOT_USED             |
|     | reserved_unitdata_ind5 | NOT_USED             |
|     | cipher                 | LL_CIPHER_OFF        |
| <A> | sdu                    | LLIND_SDU1000_SAPI3  |
| <B> | sdu                    | LLIND_SDU1000_SAPI5  |
| <C> | sdu                    | LLIND_SDU1000_SAPI7  |
| <D> | sdu                    | LLIND_SDU1000_SAPI9  |
| <E> | sdu                    | LLIND_SDU1000_SAPI11 |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 21-Sep-1999 | DB | Initial                             |
| 30-Nov-1999 | DB | Removed SAPI 1 (see next test case) |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ to the top |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |

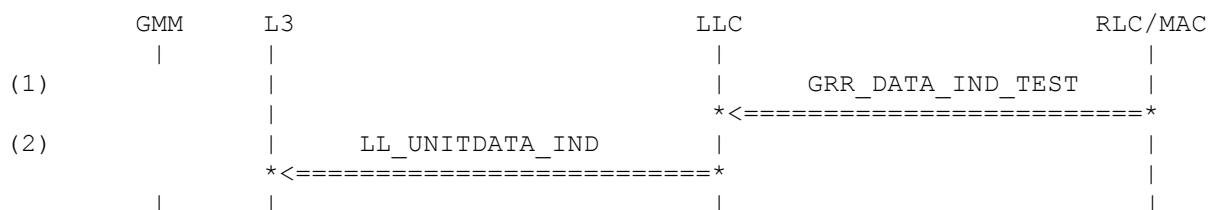
## 3.7.3 LLC261: SAPI 1, RLC/MAC acknowledged mode, layer 3 ready

## Description:

LLC receives unacknowledged data (1000 octets) in an UI frame with the primitive GRR\_DATA\_IND (RLC/MAC acknowledged mode). Layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter              | Value                     |
|-----------------------|------------------------|---------------------------|
| (1) GRR_DATA_IND_TEST | tlli                   | TLLI_LOCAL_1              |
|                       | sdu                    | GRRIND_DESCLIST1000_SAPI1 |
| (2) LL_UNITDATA_IND   | sapi                   | LL_SAPI_1                 |
|                       | tlli                   | TLLI_LOCAL_1              |
|                       | reserved_unitdata_ind1 | NOT_USED                  |
|                       | reserved_unitdata_ind2 | NOT_USED                  |
|                       | reserved_unitdata_ind3 | NOT_USED                  |
|                       | reserved_unitdata_ind4 | NOT_USED                  |
|                       | reserved_unitdata_ind5 | NOT_USED                  |

cipher  
sdu

LL\_CIPHER\_OFF  
LLIND\_SDU1000\_SAPI1

History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 30-Nov-1999 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

### 3.8 Unacknowledged data transmission/receipt of small frames (LLC300 – LLC349)

#### 3.8.1 LLC300: Transmission/Receipt of several frames for different SAPIs, RLC/MAC and layer 3 ready

Description:

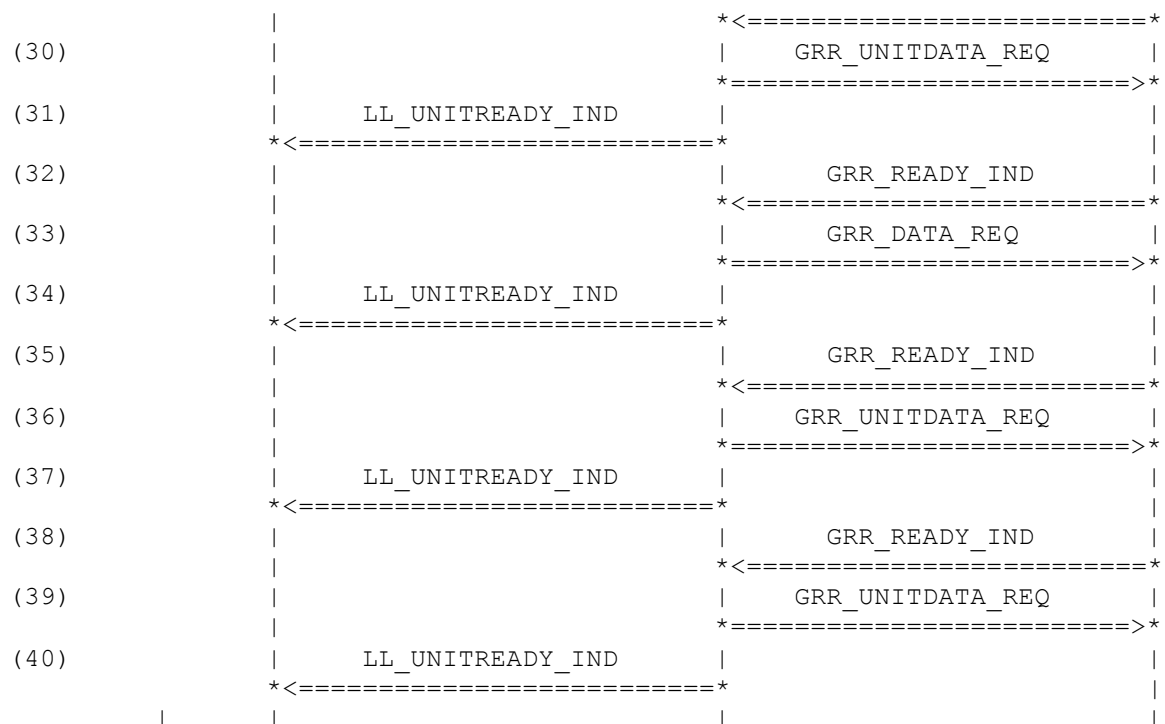
LLC receives data (100 octets) for unacknowledged transmission on every SAPI. RLC/MAC is not ready to receive data. LLC receives unacknowledged data (100 octets) in an UI frame for each SAPI with the primitive GRR\_UNITDATA\_IND (RLC/MAC unacknowledged mode) and layer 3 is ready to receive data. LLC passes the data to layer 3 with the primitive LL\_UNITDATA\_IND. After that, RLC/MAC indicates that is ready to receive data. LLC sends the initially received data for each SAPI in an UI frame to RLC/MAC using the primitive GRR\_UNITDATA\_REQ.

Preamble:

LLC002



|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (3)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (4)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (6)  |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (7)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (8)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (9)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (10) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (11) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (12) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (13) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (14) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (15) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (16) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (17) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (18) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (19) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (20) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (21) |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (22) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (23) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (24) |     |                    | GRR_READY_IND         |         |
|      |     |                    | *<=====*              |         |
| (25) |     |                    | GRR_DATA_REQ          |         |
|      |     |                    | *=====>*              |         |
| (26) |     |                    | GRR_READY_IND         |         |
|      |     |                    | *<=====*              |         |
| (27) |     |                    | GRR_UNITDATA_REQ      |         |
|      |     |                    | *=====>*              |         |
| (28) |     | LL_UNITREADY_IND   |                       |         |
|      |     | *<=====*           |                       |         |
| (29) |     |                    | GRR_READY_IND         |         |

**Parametrization:**

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (2) LL_UNITDATA_REQ | sapi                   | LL_SAPI_3           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (3) LL_UNITDATA_REQ | sapi                   | LL_SAPI_5           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |

|                           |                        |                          |
|---------------------------|------------------------|--------------------------|
|                           | cipher                 | LL_CIPHER_OFF            |
|                           | reserved_unitdata_req1 | NOT_USED                 |
|                           | seg_pos                | NOT_USED                 |
|                           | attached_counter       | LLC_NO_ATTACHE           |
|                           | reserved_unitdata_req4 | NOT_USED                 |
|                           | reserved_unitdata_req5 | NOT_USED                 |
|                           | sdu                    | LLREQ_SDU100             |
| (4) LL_UNITDATA_REQ       |                        |                          |
|                           | sapi                   | LL_SAPI_7                |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | ll_qos                 | LLREQ_QOS_DEL4_REL5      |
|                           | radio_prio             | LL_RADIO_PRIO_3          |
|                           | cipher                 | LL_CIPHER_OFF            |
|                           | reserved_unitdata_req1 | NOT_USED                 |
|                           | seg_pos                | NOT_USED                 |
|                           | attached_counter       | LLC_NO_ATTACHE           |
|                           | reserved_unitdata_req4 | NOT_USED                 |
|                           | reserved_unitdata_req5 | NOT_USED                 |
|                           | sdu                    | LLREQ_SDU100             |
| (5) LL_UNITDATA_REQ       |                        |                          |
|                           | sapi                   | LL_SAPI_9                |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | ll_qos                 | LLREQ_QOS_DEL4_REL5      |
|                           | radio_prio             | LL_RADIO_PRIO_3          |
|                           | cipher                 | LL_CIPHER_OFF            |
|                           | reserved_unitdata_req1 | NOT_USED                 |
|                           | seg_pos                | NOT_USED                 |
|                           | attached_counter       | LLC_NO_ATTACHE           |
|                           | reserved_unitdata_req4 | NOT_USED                 |
|                           | reserved_unitdata_req5 | NOT_USED                 |
|                           | sdu                    | LLREQ_SDU100             |
| (6) LL_UNITDATA_REQ       |                        |                          |
|                           | sapi                   | LL_SAPI_11               |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | ll_qos                 | LLREQ_QOS_DEL4_REL5      |
|                           | radio_prio             | LL_RADIO_PRIO_3          |
|                           | cipher                 | LL_CIPHER_OFF            |
|                           | reserved_unitdata_req1 | NOT_USED                 |
|                           | seg_pos                | NOT_USED                 |
|                           | attached_counter       | LLC_NO_ATTACHE           |
|                           | reserved_unitdata_req4 | NOT_USED                 |
|                           | reserved_unitdata_req5 | NOT_USED                 |
|                           | sdu                    | LLREQ_SDU100             |
| (7) GRR_UNITDATA_IND_TEST |                        |                          |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | sdu                    | GRRIND_DESCLIST100_SAPI1 |
| (8) LL_UNITDATA_IND       |                        |                          |
|                           | sapi                   | LL_SAPI_1                |
|                           | tlli                   | TLLI_LOCAL_1             |
|                           | reserved_unitdata_ind1 | NOT_USED                 |
|                           | reserved_unitdata_ind2 | NOT_USED                 |
|                           | reserved_unitdata_ind3 | NOT_USED                 |
|                           | reserved_unitdata_ind4 | NOT_USED                 |
|                           | reserved_unitdata_ind5 | NOT_USED                 |

|                            |                        |                          |
|----------------------------|------------------------|--------------------------|
|                            | cipher                 | LL_CIPHER_OFF            |
|                            | sdu                    | LLIND_SDU100_SAPI1       |
| (9) LL_GETUNITDATA_REQ     | sapi                   | LL_SAPI_3                |
|                            | tlli                   | TLLI_LOCAL_1             |
| (10) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1             |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI3 |
| (11) LL_UNITDATA_IND       | sapi                   | LL_SAPI_3                |
|                            | tlli                   | TLLI_LOCAL_1             |
|                            | reserved_unitdata_ind1 | NOT_USED                 |
|                            | reserved_unitdata_ind2 | NOT_USED                 |
|                            | reserved_unitdata_ind3 | NOT_USED                 |
|                            | reserved_unitdata_ind4 | NOT_USED                 |
|                            | reserved_unitdata_ind5 | NOT_USED                 |
|                            | cipher                 | LL_CIPHER_OFF            |
|                            | sdu                    | LLIND_SDU100_SAPI3       |
| (12) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_5                |
|                            | tlli                   | TLLI_LOCAL_1             |
| (13) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1             |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI5 |
| (14) LL_UNITDATA_IND       | sapi                   | LL_SAPI_5                |
|                            | tlli                   | TLLI_LOCAL_1             |
|                            | reserved_unitdata_ind1 | NOT_USED                 |
|                            | reserved_unitdata_ind2 | NOT_USED                 |
|                            | reserved_unitdata_ind3 | NOT_USED                 |
|                            | reserved_unitdata_ind4 | NOT_USED                 |
|                            | reserved_unitdata_ind5 | NOT_USED                 |
|                            | cipher                 | LL_CIPHER_OFF            |
|                            | sdu                    | LLIND_SDU100_SAPI5       |
| (15) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_7                |
|                            | tlli                   | TLLI_LOCAL_1             |
| (16) GRR_UNITDATA_IND_TEST | tlli                   | TLLI_LOCAL_1             |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI7 |
| (17) LL_UNITDATA_IND       | sapi                   | LL_SAPI_7                |
|                            | tlli                   | TLLI_LOCAL_1             |
|                            | reserved_unitdata_ind1 | NOT_USED                 |
|                            | reserved_unitdata_ind2 | NOT_USED                 |
|                            | reserved_unitdata_ind3 | NOT_USED                 |
|                            | reserved_unitdata_ind4 | NOT_USED                 |
|                            | reserved_unitdata_ind5 | NOT_USED                 |
|                            | cipher                 | LL_CIPHER_OFF            |
|                            | sdu                    | LLIND_SDU100_SAPI7       |
| (18) LL_GETUNITDATA_REQ    | sapi                   | LL_SAPI_9                |
|                            | tlli                   | TLLI_LOCAL_1             |

|                            |   |   |
|----------------------------|---|---|
| (19) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI9  |
| (20) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI9              |
| (21) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_11<br>TLLI_LOCAL_1  |
| (22) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI11   |
| (23) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI11            |
| (24) GRR_READY_IND         |   |   |
| (25) GRR_DATA_REQ          | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_1<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_PM |
| (26) GRR_READY_IND         |   |   |
| (27) GRR_UNITDATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI3                         |
| (28) LL_UNITREADY_IND      | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID  |
| (29) GRR_READY_IND         |   |   |

|                       |  |   |
|-----------------------|--|---|
| (30) GRR_UNITDATA_REQ | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI5         |
| (31) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (32) GRR_READY_IND    |  |   |
| (33) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_7<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRREQ_SDU100_SAPI7_PM |
| (34) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (35) GRR_READY_IND    |  |   |
| (36) GRR_UNITDATA_REQ | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI9         |
| (37) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (38) GRR_READY_IND    |  |   |
| (39) GRR_UNITDATA_REQ | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI11       |
| (40) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |

## History:

|             |    |   |
|-------------|----|---|
| 18-Oct-1999 | DB | Initial   |
| 30-Nov-1999 | DB | Removed flow control for SAPI 1                                 |
| 18-Feb-2000 | DB | Changed tlli of LL_UNITREADY_IND to NOT_USED                    |
| 06-Mar-2000 | DB | Moved LL_GETUNITDATA_REQ  |
| 03-Apr-2000 | DB | Corrected SAPI 1 behaviour: reliability class 3 -> GRR_DATA_REQ |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                                |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs                             |
| 12-Sep-2001 | GS | Use GRR_DATA_REQ in case of SAPI 7                              |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed                                      |

### 3.9 ABM establishment (LLC400 – LLC429)

#### 3.9.1 LLC400: Layer-3 initiated ABM establishment, UA response

## Description:

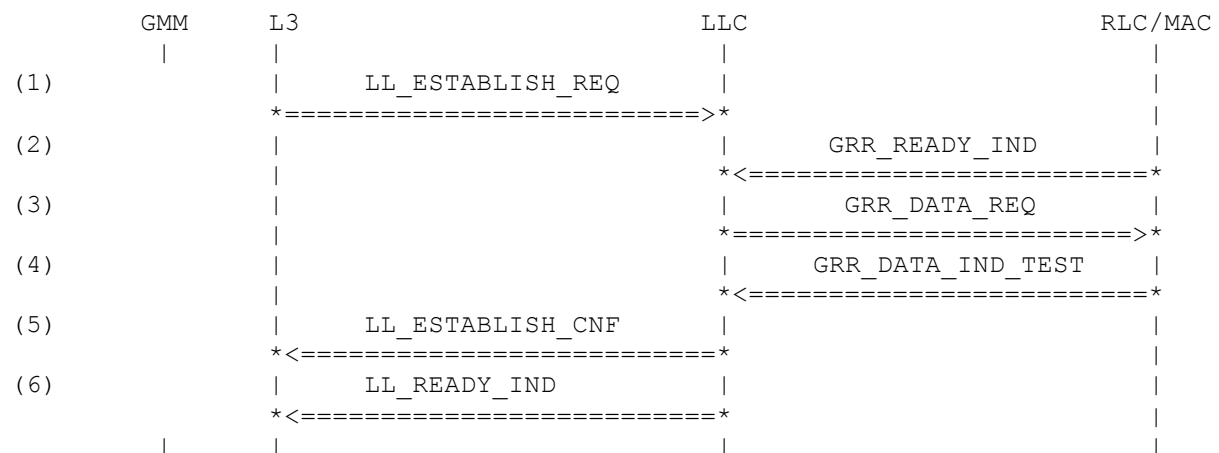
LLC receives the primitive LL\_ESTABLISH\_REQ from SNDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA, ABM is established.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



## Parametrization:

| Primitive            | Parameter | Value        |
|----------------------|-----------|--------------|
| (1) LL_ESTABLISH_REQ |           |              |
| <A>                  | sapi      | LL_SAPI_3    |
| <B>                  | sapi      | LL_SAPI_5    |
| <C>                  | sapi      | LL_SAPI_9    |
| <D>                  | sapi      | LL_SAPI_11   |
|                      | tlli      | TLLI_LOCAL_1 |
|                      | sdu       | EMPTY_SDU    |
| (2) GRR_READY_IND    |           |              |
| (3) GRR_DATA_REQ     |           |              |
| <A>                  | sapi      | LL_SAPI_3    |
| <B>                  | sapi      | LL_SAPI_5    |

|                       |                   |                              |
|-----------------------|-------------------|------------------------------|
| <C>                   | sapi              | LL_SAPI_9                    |
| <D>                   | sapi              | LL_SAPI_11                   |
|                       | tlli              | TLLI_LOCAL_1                 |
|                       | grr_qos           | GRRREQ_QOS_PEAKESSUB         |
|                       | radio_prio        | GRR_RADIO_PRIO_1             |
|                       | cause             | GRR_DTACS_DEF                |
|                       | reserved_data_req | NOT_USED                     |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3   |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5   |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9   |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11  |
| (4) GRR_DATA_IND_TEST |                   |                              |
|                       | tlli              | TLLI_LOCAL_1                 |
| <A>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI11 |
| (5) LL_ESTABLISH_CNF  |                   |                              |
| <A>                   | sapi              | LL_SAPI_3                    |
| <B>                   | sapi              | LL_SAPI_5                    |
| <C>                   | sapi              | LL_SAPI_9                    |
| <D>                   | sapi              | LL_SAPI_11                   |
|                       | tlli              | TLLI_LOCAL_1                 |
| <A>                   | n201_u            | N201_U_DEF_SAPI3             |
| <B>                   | n201_u            | N201_U_DEF_SAPI5             |
| <C>                   | n201_u            | N201_U_DEF_SAPI9             |
| <D>                   | n201_u            | N201_U_DEF_SAPI11            |
|                       | n201_i            | N201_I_DEF                   |
|                       | xid_valid         | LL_XID_VALID                 |
|                       | sdu               | EMPTY_SDU                    |
| (6) LL_READY_IND      |                   |                              |
| <A>                   | sapi              | LL_SAPI_3                    |
| <B>                   | sapi              | LL_SAPI_5                    |
| <C>                   | sapi              | LL_SAPI_9                    |
| <D>                   | sapi              | LL_SAPI_11                   |
|                       | tlli              | TLLI_LOCAL_1                 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 18-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

**3.9.2 LLC401: Layer-3 initiated ABM establishment, N200 timeouts with retransmissions, UA response**

## Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. T200 timeout, LLC retransmits the SABM command. After N200 retransmissions responds the peer with UA, ABM is established.

## NOTE:

All T200 timer values are set to 5 seconds in simulation.

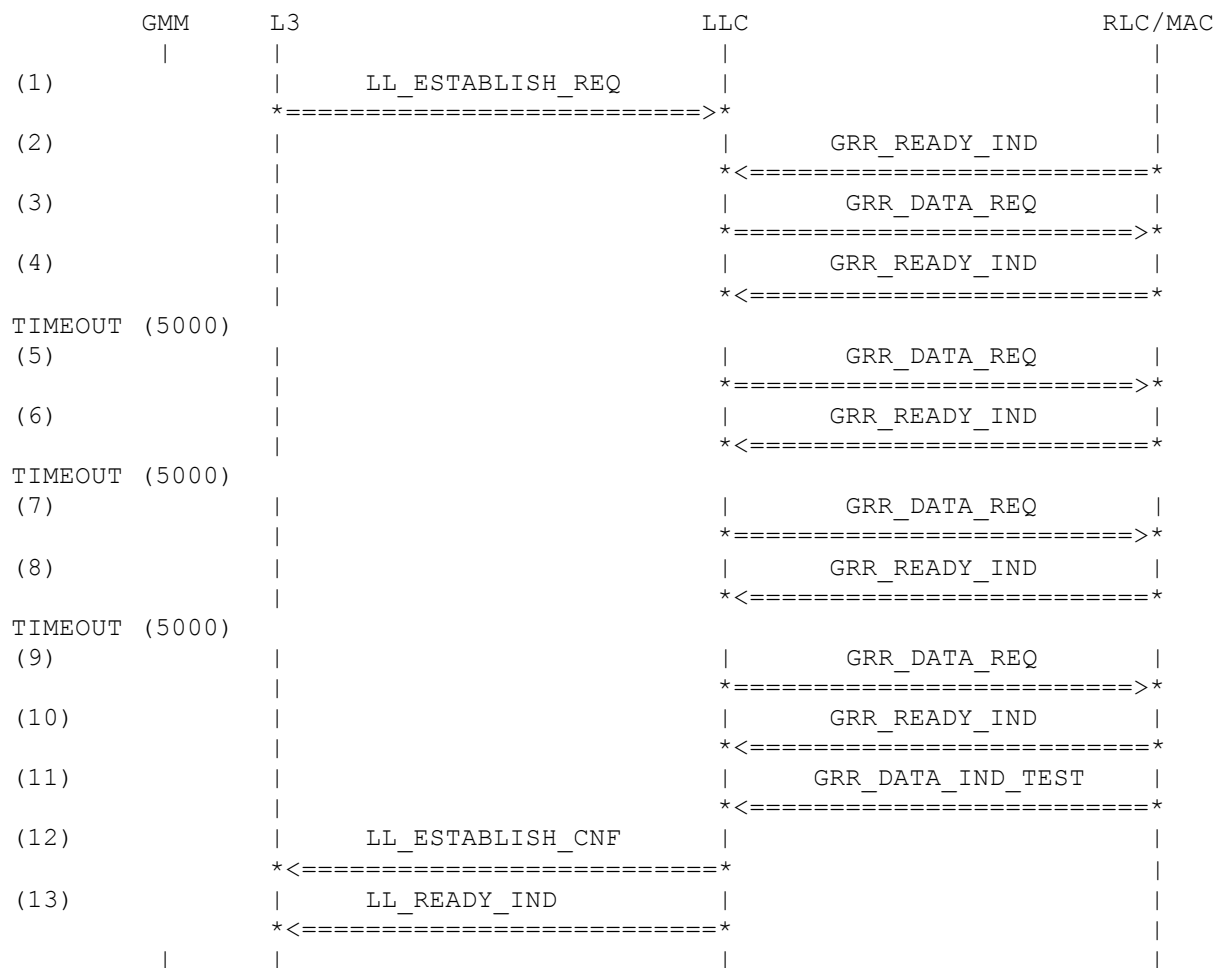
## Preamble:

LLC001

## Variants:

<A>....<D>



**Parametrization:**

| Primitive            | Parameter         | Value                      |
|----------------------|-------------------|----------------------------|
| (1) LL_ESTABLISH_REQ |                   |                            |
| <A>                  | sapi              | LL_SAPI_3                  |
| <B>                  | sapi              | LL_SAPI_5                  |
| <C>                  | sapi              | LL_SAPI_9                  |
| <D>                  | sapi              | LL_SAPI_11                 |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | sdu               | EMPTY_SDU                  |
| (2) GRR_READY_IND    |                   |                            |
| (3) GRR_DATA_REQ     |                   |                            |
| <A>                  | sapi              | LL_SAPI_3                  |
| <B>                  | sapi              | LL_SAPI_5                  |
| <C>                  | sapi              | LL_SAPI_9                  |
| <D>                  | sapi              | LL_SAPI_11                 |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | grr_qos           | GRRREQ_QOS_PEAKSUB         |
|                      | radio_prio        | GRR_RADIO_PRIO_1           |
|                      | cause             | GRR_DTACS_DEF              |
|                      | reserved_data_req | NOT_USED                   |
| <A>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3 |
| <B>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5 |

|                        |                   |                              |
|------------------------|-------------------|------------------------------|
| <C>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9   |
| <D>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11  |
| (4) GRR_READY_IND      |                   |                              |
| (5) GRR_DATA_REQ       |                   |                              |
| <A>                    | sapi              | LL_SAPI_3                    |
| <B>                    | sapi              | LL_SAPI_5                    |
| <C>                    | sapi              | LL_SAPI_9                    |
| <D>                    | sapi              | LL_SAPI_11                   |
|                        | tlli              | TLLI_LOCAL_1                 |
|                        | grr_qos           | GRRREQ_QOS_PEAKSUB           |
|                        | radio_prio        | GRR_RADIO_PRIO_1             |
|                        | cause             | GRR_DTACS_DEF                |
|                        | reserved_data_req | NOT_USED                     |
| <A>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3   |
| <B>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5   |
| <C>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9   |
| <D>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11  |
| (6) GRR_READY_IND      |                   |                              |
| (7) GRR_DATA_REQ       |                   |                              |
| <A>                    | sapi              | LL_SAPI_3                    |
| <B>                    | sapi              | LL_SAPI_5                    |
| <C>                    | sapi              | LL_SAPI_9                    |
| <D>                    | sapi              | LL_SAPI_11                   |
|                        | tlli              | TLLI_LOCAL_1                 |
|                        | grr_qos           | GRRREQ_QOS_PEAKSUB           |
|                        | radio_prio        | GRR_RADIO_PRIO_1             |
|                        | cause             | GRR_DTACS_DEF                |
|                        | reserved_data_req | NOT_USED                     |
| <A>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3   |
| <B>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5   |
| <C>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9   |
| <D>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11  |
| (8) GRR_READY_IND      |                   |                              |
| (9) GRR_DATA_REQ       |                   |                              |
| <A>                    | sapi              | LL_SAPI_3                    |
| <B>                    | sapi              | LL_SAPI_5                    |
| <C>                    | sapi              | LL_SAPI_9                    |
| <D>                    | sapi              | LL_SAPI_11                   |
|                        | tlli              | TLLI_LOCAL_1                 |
|                        | grr_qos           | GRRREQ_QOS_PEAKSUB           |
|                        | radio_prio        | GRR_RADIO_PRIO_1             |
|                        | cause             | GRR_DTACS_DEF                |
|                        | reserved_data_req | NOT_USED                     |
| <A>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3   |
| <B>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5   |
| <C>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9   |
| <D>                    | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11  |
| (10) GRR_READY_IND     |                   |                              |
| (11) GRR_DATA_IND_TEST |                   |                              |
|                        | tlli              | TLLI_LOCAL_1                 |
| <A>                    | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI3  |
| <B>                    | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI5  |
| <C>                    | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI9  |
| <D>                    | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI11 |

## (12) LL\_ESTABLISH\_CNF

|     |           |                   |
|-----|-----------|-------------------|
| <A> | sapi      | LL_SAPI_3         |
| <B> | sapi      | LL_SAPI_5         |
| <C> | sapi      | LL_SAPI_9         |
| <D> | sapi      | LL_SAPI_11        |
|     | tlli      | TLLI_LOCAL_1      |
| <A> | n201_u    | N201_U_DEF_SAPI3  |
| <B> | n201_u    | N201_U_DEF_SAPI5  |
| <C> | n201_u    | N201_U_DEF_SAPI9  |
| <D> | n201_u    | N201_U_DEF_SAPI11 |
|     | n201_i    | N201_I_DEF        |
|     | xid_valid | LL_XID_VALID      |
|     | sdu       | EMPTY_SDU         |

## (13) LL\_READY\_IND

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_9    |
| <D> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 18-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 23-Feb-2001 | GS | LL_READY_IND added               |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

**3.9.3 LLC402: Layer-3 initiated ABM establishment, N200 timeouts with retransmissions, no UA response**

## Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SNDSCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. T200 timeout, LLC retransmits the SABM command. No response from the peer, so ABM establishment is aborted.

## NOTE:

All T200 timer values are set to 5 seconds in simulation.

## Preamble:

LLC001

## Variants:

<A>....<D>

|                | GMM | L3               | LLC           | RLC/MAC |
|----------------|-----|------------------|---------------|---------|
| (1)            |     | LL_ESTABLISH_REQ |               |         |
|                |     | *=====>*         |               |         |
| (2)            |     |                  | GRR_READY_IND |         |
|                |     |                  | *<=====*      |         |
| (3)            |     |                  | GRR_DATA_REQ  |         |
|                |     |                  | *=====>*      |         |
| (4)            |     |                  | GRR_READY_IND |         |
|                |     |                  | *<=====*      |         |
| TIMEOUT (5000) |     |                  |               |         |
| (5)            |     |                  | GRR_DATA_REQ  |         |
|                |     |                  | *=====>*      |         |
| (6)            |     |                  | GRR_READY_IND |         |
|                |     |                  | *<=====*      |         |
| TIMEOUT (5000) |     |                  |               |         |
| (7)            |     |                  | GRR_DATA_REQ  |         |
|                |     |                  | *=====>*      |         |
| (8)            |     |                  | GRR_READY_IND |         |
|                |     |                  | *<=====*      |         |
| TIMEOUT (5000) |     |                  |               |         |
| (9)            |     |                  | GRR_DATA_REQ  |         |
|                |     |                  | *=====>*      |         |
| (10)           |     |                  | GRR_READY_IND |         |
|                |     |                  | *<=====*      |         |
| TIMEOUT (5000) |     |                  |               |         |
| (11)           |     | LLGMM_STATUS_IND |               |         |
|                |     | *<=====*         |               |         |
| (12)           |     | LL_RELEASE_IND   |               |         |
|                |     | *<=====*         |               |         |
|                |     |                  |               |         |

**Parametrization:**

| Primitive            | Parameter         | Value                       |
|----------------------|-------------------|-----------------------------|
| (1) LL_ESTABLISH_REQ |                   |                             |
| <A>                  | sapi              | LL_SAPI_3                   |
| <B>                  | sapi              | LL_SAPI_5                   |
| <C>                  | sapi              | LL_SAPI_9                   |
| <D>                  | sapi              | LL_SAPI_11                  |
|                      | tlli              | TLLI_LOCAL_1                |
|                      | sdu               | EMPTY_SDU                   |
| (2) GRR_READY_IND    |                   |                             |
| (3) GRR_DATA_REQ     |                   |                             |
| <A>                  | sapi              | LL_SAPI_3                   |
| <B>                  | sapi              | LL_SAPI_5                   |
| <C>                  | sapi              | LL_SAPI_9                   |
| <D>                  | sapi              | LL_SAPI_11                  |
|                      | tlli              | TLLI_LOCAL_1                |
|                      | grr_qos           | GRRREQ_QOS_PEAQSUB          |
|                      | radio_prio        | GRR_RADIO_PRIO_1            |
|                      | cause             | GRR_DTACS_DEF               |
|                      | reserved_data_req | NOT_USED                    |
| <A>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |

## (4) GRR\_READY\_IND

## (5) GRR\_DATA\_REQ

|     |                   |                             |
|-----|-------------------|-----------------------------|
| <A> | sapi              | LL_SAPI_3                   |
| <B> | sapi              | LL_SAPI_5                   |
| <C> | sapi              | LL_SAPI_9                   |
| <D> | sapi              | LL_SAPI_11                  |
|     | tlli              | TLLI_LOCAL_1                |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB        |
|     | radio_prio        | GRR_RADIO_PPIO_1            |
|     | cause             | GRR_DTACS_DEF               |
|     | reserved_data_req | NOT_USED                    |
| <A> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |

## (6) GRR\_READY\_IND

## (7) GRR\_DATA\_REQ

|     |                   |                             |
|-----|-------------------|-----------------------------|
| <A> | sapi              | LL_SAPI_3                   |
| <B> | sapi              | LL_SAPI_5                   |
| <C> | sapi              | LL_SAPI_9                   |
| <D> | sapi              | LL_SAPI_11                  |
|     | tlli              | TLLI_LOCAL_1                |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB        |
|     | radio_prio        | GRR_RADIO_PPIO_1            |
|     | cause             | GRR_DTACS_DEF               |
|     | reserved_data_req | NOT_USED                    |
| <A> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |

## (8) GRR\_READY\_IND

## (9) GRR\_DATA\_REQ

|     |                   |                             |
|-----|-------------------|-----------------------------|
| <A> | sapi              | LL_SAPI_3                   |
| <B> | sapi              | LL_SAPI_5                   |
| <C> | sapi              | LL_SAPI_9                   |
| <D> | sapi              | LL_SAPI_11                  |
|     | tlli              | TLLI_LOCAL_1                |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB        |
|     | radio_prio        | GRR_RADIO_PPIO_1            |
|     | cause             | GRR_DTACS_DEF               |
|     | reserved_data_req | NOT_USED                    |
| <A> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |

## (10) GRR\_READY\_IND

## (11) LLGMM\_STATUS\_IND

error\_cause  
LLGMM\_ERRCS\_SABM\_NO\_PEER\_RES

## (12) LL\_RELEASE\_IND

|     |      |            |
|-----|------|------------|
| <A> | sapi | LL_SAPI_3  |
| <B> | sapi | LL_SAPI_5  |
| <C> | sapi | LL_SAPI_9  |
| <D> | sapi | LL_SAPI_11 |

tlli  
cause

TLLI\_LOCAL\_1  
LL\_RELCS\_NO\_PEER\_RES

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 18-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

**3.9.4 LLC403: Layer-3 initiated ABM establishment, DM response**

## Description:

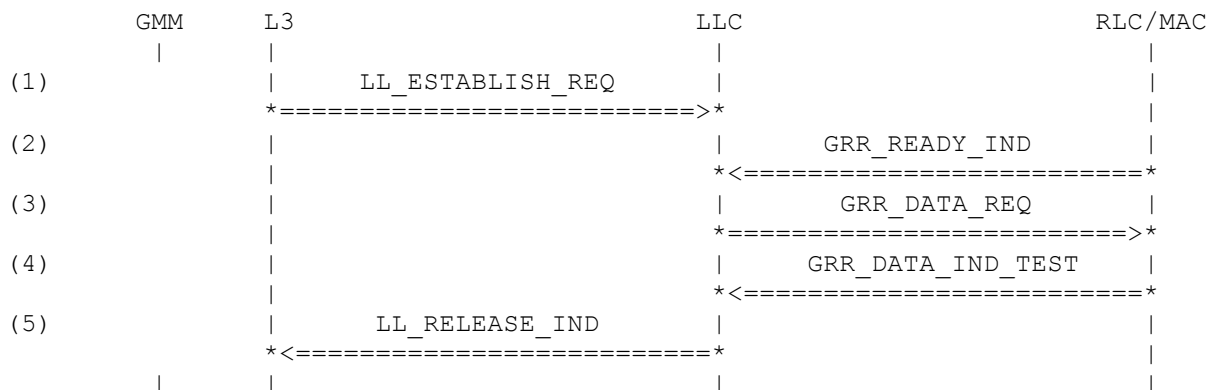
LLC receives the primitive LL\_ESTABLISH\_REQ from SDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with DM, ABM establishment is aborted.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



## Parametrization:

| Primitive            | Parameter         | Value                      |
|----------------------|-------------------|----------------------------|
| (1) LL_ESTABLISH_REQ |                   |                            |
| <A>                  | sapi              | LL_SAPI_3                  |
| <B>                  | sapi              | LL_SAPI_5                  |
| <C>                  | sapi              | LL_SAPI_9                  |
| <D>                  | sapi              | LL_SAPI_11                 |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | sdu               | EMPTY_SDU                  |
| (2) GRR_READY_IND    |                   |                            |
| (3) GRR_DATA_REQ     |                   |                            |
| <A>                  | sapi              | LL_SAPI_3                  |
| <B>                  | sapi              | LL_SAPI_5                  |
| <C>                  | sapi              | LL_SAPI_9                  |
| <D>                  | sapi              | LL_SAPI_11                 |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | grr_qos           | GRRREQ_QOS_PEAKSUB         |
|                      | radio_prio        | GRR_RADIO_PRIO_1           |
|                      | cause             | GRR_DTACS_DEF              |
|                      | reserved_data_req | NOT_USED                   |
| <A>                  | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3 |

|                       |       |                             |
|-----------------------|-------|-----------------------------|
| <B>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI11 |
| (4) GRR_DATA_IND_TEST |       |                             |
|                       | tlli  | TLLI_LOCAL_1                |
| <A>                   | sdu   | SGSN_DM1_SAPI3              |
| <B>                   | sdu   | SGSN_DM1_SAPI5              |
| <C>                   | sdu   | SGSN_DM1_SAPI9              |
| <D>                   | sdu   | SGSN_DM1_SAPI11             |
| (5) LL_RELEASE_IND    |       |                             |
| <A>                   | sapi  | LL_SAPI_3                   |
| <B>                   | sapi  | LL_SAPI_5                   |
| <C>                   | sapi  | LL_SAPI_9                   |
| <D>                   | sapi  | LL_SAPI_11                  |
|                       | tlli  | TLLI_LOCAL_1                |
|                       | cause | LL_RELCS_DM_RECEIVED        |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 18-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

### 3.9.5 LLC404: Layer-3 initiated ABM establishment, DM response (F bit 0), timeout with retransmission, DM response (F bit 1)

## Description:

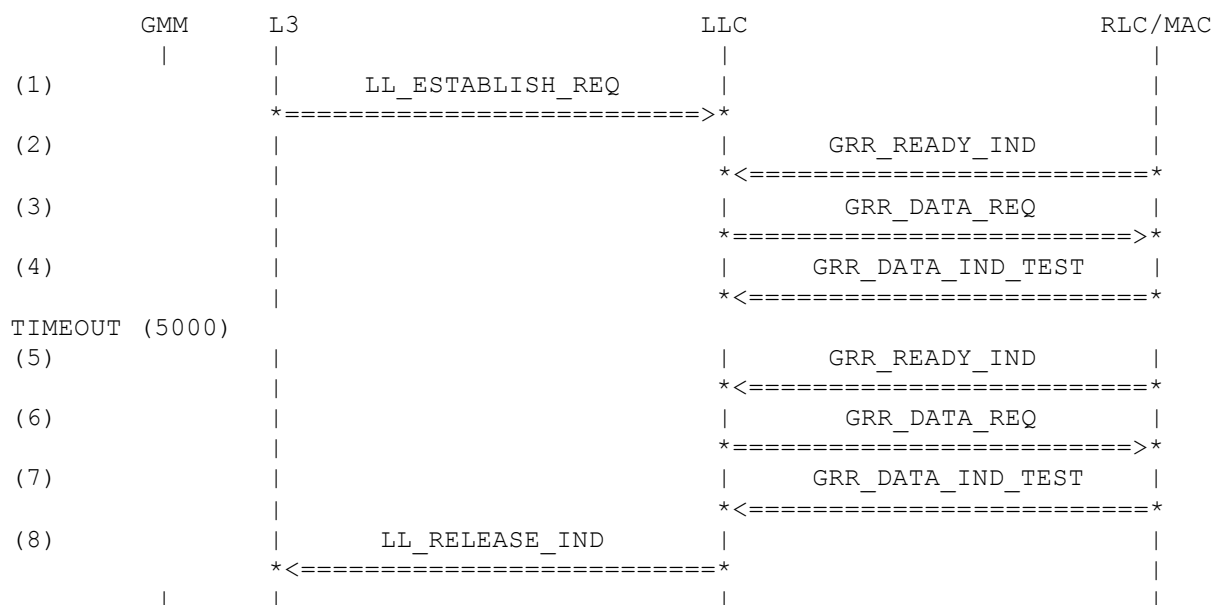
LLC receives the primitive LL\_ESTABLISH\_REQ from SNDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with DM (F bit 0) which is discarded. Timeout T200, LLC retransmits the SABM command. The peer responds with DM, ABM establishment is aborted.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



**Parametrization:**

| Primitive             | Parameter         | Value                       |
|-----------------------|-------------------|-----------------------------|
| (1) LL_ESTABLISH_REQ  |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | sdu               | EMPTY_SDU                   |
| (2) GRR_READY_IND     |                   |                             |
| (3) GRR_DATA_REQ      |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB          |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |
| (4) GRR_DATA_IND_TEST |                   |                             |
|                       | tlli              | TLLI_LOCAL_1                |
| <A>                   | sdu               | SGSN_DM0_SAPI3              |
| <B>                   | sdu               | SGSN_DM0_SAPI5              |
| <C>                   | sdu               | SGSN_DM0_SAPI9              |
| <D>                   | sdu               | SGSN_DM0_SAPI11             |
| (5) GRR_READY_IND     |                   |                             |
| (6) GRR_DATA_REQ      |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB          |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |
| (7) GRR_DATA_IND_TEST |                   |                             |
|                       | tlli              | TLLI_LOCAL_1                |
| <A>                   | sdu               | SGSN_DM1_SAPI3              |
| <B>                   | sdu               | SGSN_DM1_SAPI5              |
| <C>                   | sdu               | SGSN_DM1_SAPI9              |
| <D>                   | sdu               | SGSN_DM1_SAPI11             |
| (8) LL_RELEASE_IND    |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |



|     |       |                      |
|-----|-------|----------------------|
| <B> | sapi  | LL_SAPI_5            |
| <C> | sapi  | LL_SAPI_9            |
| <D> | sapi  | LL_SAPI_11           |
|     | tlli  | TLLI_LOCAL_1         |
|     | cause | LL_RELCS_DM_RECEIVED |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 03-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

**3.9.6 LLC410: Network initiated ABM establishment, LLC ready**

## Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. No layer-3 XID parameters are included. LLC informs SMDCP of the establishment and transmits the UA response to its peer.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;

|     | GMM | L3               | LLC               | RLC/MAC |
|-----|-----|------------------|-------------------|---------|
| (1) |     |                  | GRR_DATA_IND_TEST |         |
|     |     |                  | * <=====*         |         |
| (2) |     | LL_ESTABLISH_IND |                   |         |
|     |     | * <=====*        |                   |         |
| (3) |     | LL_ESTABLISH_RES |                   |         |
|     |     | * =====>*        |                   |         |
| (4) |     | LL_READY_IND     |                   |         |
|     |     | * <=====*        |                   |         |
| (5) |     |                  | GRR_READY_IND     |         |
|     |     |                  | * <=====*         |         |
| (6) |     |                  | GRR_DATA_REQ      |         |
|     |     |                  | * =====>*         |         |
|     |     |                  |                   |         |

## Parametrization:

| Primitive             | Parameter | Value                         |
|-----------------------|-----------|-------------------------------|
| (1) GRR_DATA_IND_TEST |           |                               |
|                       | tlli      | TLLI_LOCAL_1                  |
| <A>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI11 |
| (2) LL_ESTABLISH_IND  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlli      | TLLI_LOCAL_1                  |
| <A>                   | n201_u    | N201_U_DEF_SAPI3              |
| <B>                   | n201_u    | N201_U_DEF_SAPI5              |

|                      |                   |   |
|----------------------|-------------------|---|
| <C>                  | n201_u            | N201_U_DEF_SAPI9                            |
| <D>                  | n201_u            | N201_U_DEF_SAPI11                           |
|                      | n201_i            | N201_I_DEF                                  |
|                      | xid_valid         | LL_XID_VALID                                |
|                      | sdu               | EMPTY_SDU                                   |
| (3) LL_ESTABLISH_RES |                   |   |
| <A>                  | sapi              | LL_SAPI_3                                   |
| <B>                  | sapi              | LL_SAPI_5                                   |
| <C>                  | sapi              | LL_SAPI_9                                   |
| <D>                  | sapi              | LL_SAPI_11                                  |
|                      | tlli              | TLLI_LOCAL_1                                |
|                      | xid_valid         | LL_XID_VALID                                |
|                      | sdu               | EMPTY_SDU                                   |
| (4) LL_READY_IND     |                   |   |
| <A>                  | sapi              | LL_SAPI_3                                   |
| <B>                  | sapi              | LL_SAPI_5                                   |
| <C>                  | sapi              | LL_SAPI_9                                   |
| <D>                  | sapi              | LL_SAPI_11                                  |
|                      | tlli              | TLLI_LOCAL_1                                |
| (5) GRR_READY_IND    |                   |   |
| (6) GRR_DATA_REQ     |                   |   |
| <A>                  | sapi              | LL_SAPI_3                                   |
| <B>                  | sapi              | LL_SAPI_5                                   |
| <C>                  | sapi              | LL_SAPI_9                                   |
| <D>                  | sapi              | LL_SAPI_11                                  |
|                      | tlli              | TLLI_LOCAL_1                                |
|                      | grr_qos           | GRRREQ_QOS_PEAKSUB                          |
|                      | radio_prio        | GRR_RADIO_PRIO_1                            |
|                      | cause             | GRR_DTACS_DEF                               |
|                      | reserved_data_req | NOT_USED                                    |
| <A>                  | sdu               | MS_UA1_EMPTY_L3_XID_SAPI3                   |
| <B>                  | sdu               | MS_UA1_EMPTY_L3_XID_SAPI5                   |
| <C>                  | sdu               | MS_UA1_EMPTY_L3_XID_SAPI9                   |
| <D>                  | sdu               | MS_UA1_EMPTY_L3_XID_SAPI11                  |
| History:             |                   |   |
|                      | 21-Feb-2000       | DB Initial                                  |
|                      | 22-May-2000       | DB Inserted reserved_* parameter(s)         |
|                      | 23-Feb-2001       | GS LL_READY_IND added                       |
|                      | 05-Dec-2001       | GS Flag xid_valid added to LL_ESTABLISH_RES |

### 3.9.7 LLC411: Network initiated ABM establishment for SAPI 1 or 7, establishment rejected

#### Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SCDPC for SAPI 1 or 7. Establishment of ABM mode of operation is not permitted for SAPIs 1 or 7, therefore LLC rejects the establishment by sending the DM response to the peer.

#### Preamble:

LLC001

#### Variants:

<A>....<B>

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_DATA_IND_TEST |         |
| (2) |     |    | *<=====*          |         |
|     |     |    | GRR_READY_IND     |         |
| (3) |     |    | *<=====*          |         |
|     |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>*         |         |
|     |     |    |                   |         |

**Parametrization:**

| Primitive             | Parameter         | Value                 |
|-----------------------|-------------------|-----------------------|
| (1) GRR_DATA_IND_TEST |                   |                       |
| <A>                   | tlli              | TLLI_LOCAL_1          |
| <B>                   | sdu               | SGSN_SABM_NOXID_SAPI1 |
|                       | sdu               | SGSN_SABM_NOXID_SAPI7 |
| (2) GRR_READY_IND     |                   |                       |
| (3) GRR_DATA_REQ      |                   |                       |
| <A>                   | sapi              | LL_SAPI_1             |
| <B>                   | sapi              | LL_SAPI_7             |
|                       | tlli              | TLLI_LOCAL_1          |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB    |
|                       | radio_prio        | GRR_RADIO_PRIO_1      |
|                       | cause             | GRR_DTACS_DEF         |
|                       | reserved_data_req | NOT_USED              |
| <A>                   | sdu               | MS_DM1_SAPI1          |
| <B>                   | sdu               | MS_DM1_SAPI7          |

**History:**

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.9.8 LLC420: Collision: SABM transmitted and received, both with empty layer 3 XID parameters****Description:**

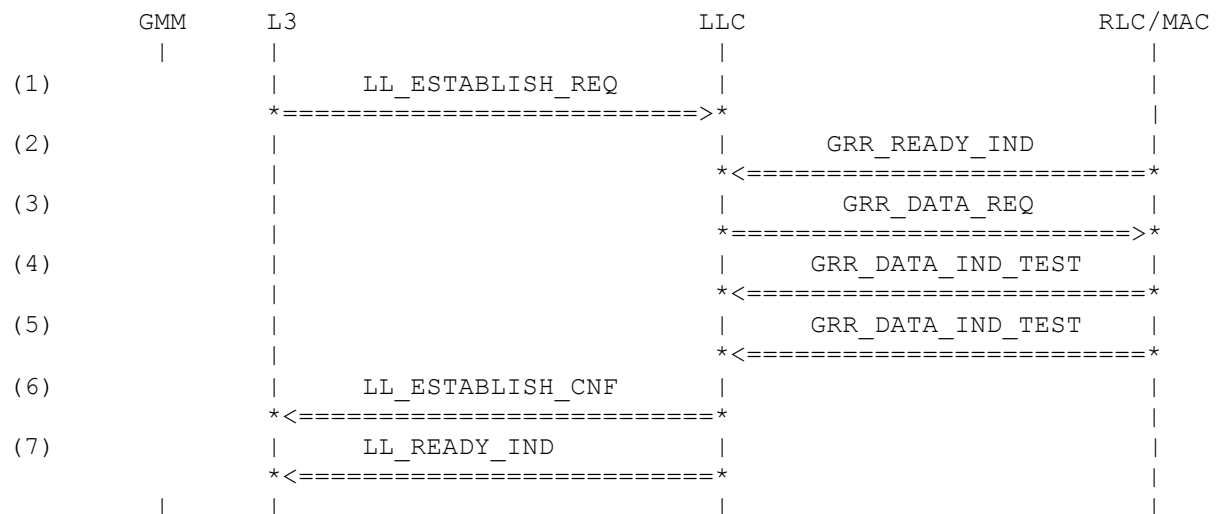
LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer also sent a SABM command. Both commands do contain a empty layer-3 XID parameter. The peer SABM is discarded, the peer responds with UA, ABM is established.

**Preamble:**

LLC001

**Variants:**

<A>....<D>

**Parametrization:**

| Primitive             | Parameter         | Value                         |
|-----------------------|-------------------|-------------------------------|
| (1) LL_ESTABLISH_REQ  |                   |                               |
| <A>                   | sapi              | LL_SAPI_3                     |
| <B>                   | sapi              | LL_SAPI_5                     |
| <C>                   | sapi              | LL_SAPI_9                     |
| <D>                   | sapi              | LL_SAPI_11                    |
|                       | tlli              | TLLI_LOCAL_1                  |
|                       | sdu               | EMPTY_SDU                     |
| (2) GRR_READY_IND     |                   |                               |
| (3) GRR_DATA_REQ      |                   |                               |
| <A>                   | sapi              | LL_SAPI_3                     |
| <B>                   | sapi              | LL_SAPI_5                     |
| <C>                   | sapi              | LL_SAPI_9                     |
| <D>                   | sapi              | LL_SAPI_11                    |
|                       | tlli              | TLLI_LOCAL_1                  |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB            |
|                       | radio_prio        | GRR_RADIO_PRIO_1              |
|                       | cause             | GRR_DTACS_DEF                 |
|                       | reserved_data_req | NOT_USED                      |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3    |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5    |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9    |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11   |
| (4) GRR_DATA_IND_TEST |                   |                               |
|                       | tlli              | TLLI_LOCAL_1                  |
| <A>                   | sdu               | SGSN_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | SGSN_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | SGSN_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | SGSN_SABM_EMPTY_L3_XID_SAPI11 |
| (5) GRR_DATA_IND_TEST |                   |                               |
|                       | tlli              | TLLI_LOCAL_1                  |
| <A>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI3   |
| <B>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI5   |
| <C>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI9   |
| <D>                   | sdu               | SGSN_UA1_EMPTY_L3_XID_SAPI11  |

## (6) LL\_ESTABLISH\_CNF

|     |           |                   |
|-----|-----------|-------------------|
| <A> | sapi      | LL_SAPI_3         |
| <B> | sapi      | LL_SAPI_5         |
| <C> | sapi      | LL_SAPI_9         |
| <D> | sapi      | LL_SAPI_11        |
|     | tlli      | TLLI_LOCAL_1      |
| <A> | n201_u    | N201_U_DEF_SAPI3  |
| <B> | n201_u    | N201_U_DEF_SAPI5  |
| <C> | n201_u    | N201_U_DEF_SAPI9  |
| <D> | n201_u    | N201_U_DEF_SAPI11 |
|     | n201_i    | N201_I_DEF        |
|     | xid_valid | LL_XID_VALID      |
|     | sdu       | EMPTY_SDU         |

## (7) LL\_READY\_IND

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_9    |
| <D> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

## 3.9.9 LLC425: Collision: SABM transmitted and DISC received

## Description:

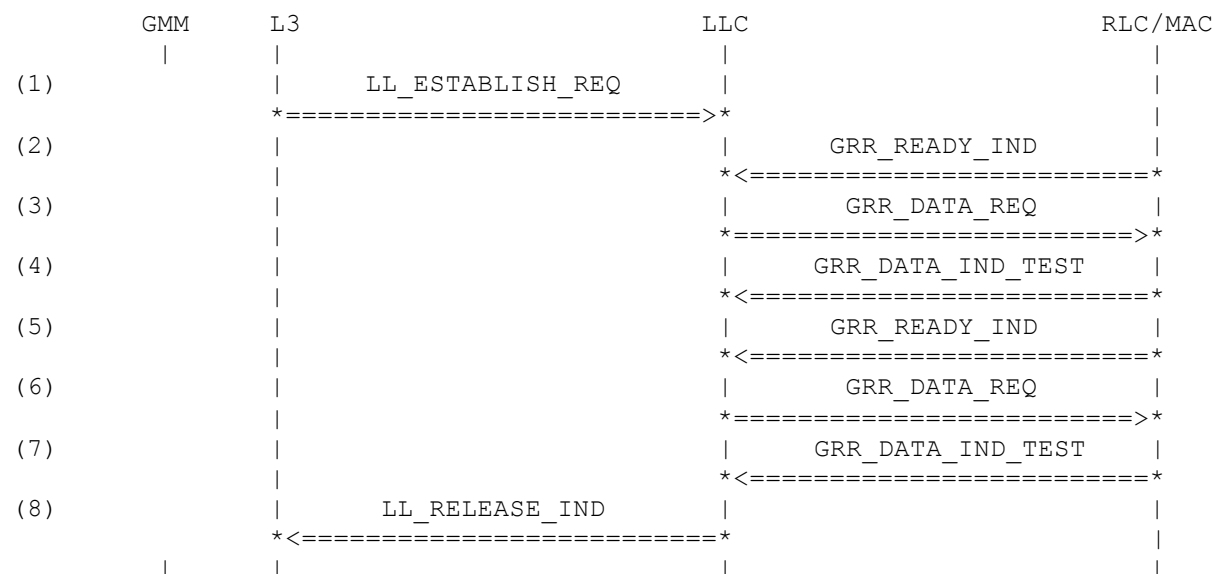
LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer sent a DISC command. LLC responds with DM response and waits until the DM response from the peer has been received. LLC then sends the primitive LL\_RELEASE\_IND to SMDCP to indicate the failed establishment.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



**Parametrization:**

| Primitive             | Parameter         | Value                       |
|-----------------------|-------------------|-----------------------------|
| (1) LL_ESTABLISH_REQ  |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | sdu               | EMPTY_SDU                   |
| (2) GRR_READY_IND     |                   |                             |
| (3) GRR_DATA_REQ      |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | GRRREQ_QOS_PEAKESSUB        |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |
| (4) GRR_DATA_IND_TEST |                   |                             |
|                       | tlli              | TLLI_LOCAL_1                |
| <A>                   | sdu               | SGSN_DISC_SAPI3             |
| <B>                   | sdu               | SGSN_DISC_SAPI5             |
| <C>                   | sdu               | SGSN_DISC_SAPI9             |
| <D>                   | sdu               | SGSN_DISC_SAPI11            |
| (5) GRR_READY_IND     |                   |                             |
| (6) GRR_DATA_REQ      |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | GRRREQ_QOS_PEAKESSUB        |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
| <A>                   | sdu               | MS_DM1_SAPI3                |
| <B>                   | sdu               | MS_DM1_SAPI5                |
| <C>                   | sdu               | MS_DM1_SAPI9                |
| <D>                   | sdu               | MS_DM1_SAPI11               |
| (7) GRR_DATA_IND_TEST |                   |                             |
|                       | tlli              | TLLI_LOCAL_1                |
| <A>                   | sdu               | SGSN_DM1_SAPI3              |
| <B>                   | sdu               | SGSN_DM1_SAPI5              |
| <C>                   | sdu               | SGSN_DM1_SAPI9              |
| <D>                   | sdu               | SGSN_DM1_SAPI11             |
| (8) LL_RELEASE_IND    |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |

|     |       |                      |
|-----|-------|----------------------|
| <B> | sapi  | LL_SAPI_5            |
| <C> | sapi  | LL_SAPI_9            |
| <D> | sapi  | LL_SAPI_11           |
|     | tlli  | TLLI_LOCAL_1         |
|     | cause | LL_RELCS_DM_RECEIVED |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 03-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty l3 sdu                 |

**3.9.10 LLC427: Collision: SABM transmitted and XID command received**

## Description:

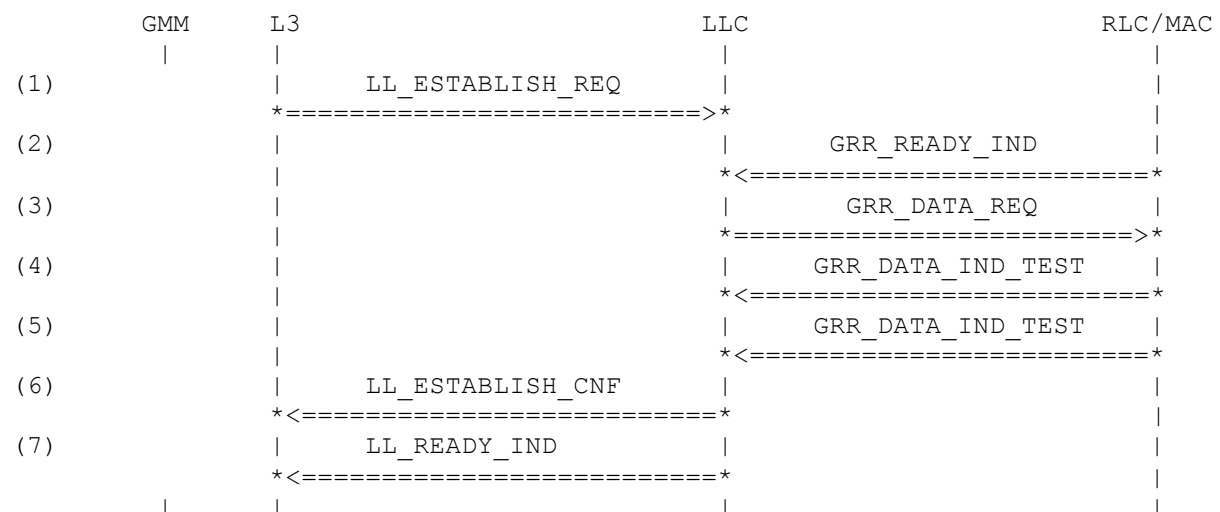
LLC receives the primitive LL\_ESTABLISH\_REQ from SNDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer sent the XID command, which is discarded by LLC. The peer then responds with UA, ABM is established.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



## Parametrization:

| Primitive            | Parameter | Value        |
|----------------------|-----------|--------------|
| (1) LL_ESTABLISH_REQ |           |              |
| <A>                  | sapi      | LL_SAPI_3    |
| <B>                  | sapi      | LL_SAPI_5    |
| <C>                  | sapi      | LL_SAPI_9    |
| <D>                  | sapi      | LL_SAPI_11   |
|                      | tlli      | TLLI_LOCAL_1 |
|                      | sdu       | EMPTY_SDU    |
| (2) GRR_READY_IND    |           |              |
| (3) GRR_DATA_REQ     |           |              |
| <A>                  | sapi      | LL_SAPI_3    |
| <B>                  | sapi      | LL_SAPI_5    |
| <C>                  | sapi      | LL_SAPI_9    |

|                       |   |   |
|-----------------------|---|---|
| <D>                   | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| <A>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu   | MS_SABM_EMPTY_L3_XID_SAPI11   |
| (4) GRR_DATA_IND_TEST |   |   |
|                       | tlli  | TLLI_LOCAL_1  |
| <A>                   | sdu   | XID1_SGSN_ALLMAX_SAPI3  |
| <B>                   | sdu   | XID1_SGSN_ALLMAX_SAPI5  |
| <C>                   | sdu   | XID1_SGSN_ALLMAX_SAPI9  |
| <D>                   | sdu   | XID1_SGSN_ALLMAX_SAPI11   |
| (5) GRR_DATA_IND_TEST |   |   |
|                       | tlli  | TLLI_LOCAL_1  |
| <A>                   | sdu   | SGSN_UA1_EMPTY_L3_XID_SAPI3   |
| <B>                   | sdu   | SGSN_UA1_EMPTY_L3_XID_SAPI5   |
| <C>                   | sdu   | SGSN_UA1_EMPTY_L3_XID_SAPI9   |
| <D>                   | sdu   | SGSN_UA1_EMPTY_L3_XID_SAPI11  |
| (6) LL_ESTABLISH_CNF  |   |   |
| <A>                   | sapi  | LL_SAPI_3   |
| <B>                   | sapi  | LL_SAPI_5   |
| <C>                   | sapi  | LL_SAPI_9   |
| <D>                   | sapi  | LL_SAPI_11  |
|                       | tlli  | TLLI_LOCAL_1  |
| <A>                   | n201_u  | N201_U_DEF_SAPI3  |
| <B>                   | n201_u  | N201_U_DEF_SAPI5  |
| <C>                   | n201_u  | N201_U_DEF_SAPI9  |
| <D>                   | n201_u  | N201_U_DEF_SAPI11   |
|                       | n201_i  | N201_I_DEF  |
|                       | xid_valid   | LL_XID_VALID  |
|                       | sdu   | EMPTY_SDU   |
| (7) LL_READY_IND      |   |   |
| <A>                   | sapi  | LL_SAPI_3   |
| <B>                   | sapi  | LL_SAPI_5   |
| <C>                   | sapi  | LL_SAPI_9   |
| <D>                   | sapi  | LL_SAPI_11  |
|                       | tlli  | TLLI_LOCAL_1  |



## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 18-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty l3 sdu                 |

### 3.10 ABM re-establishment (LLC430 – LLC459)

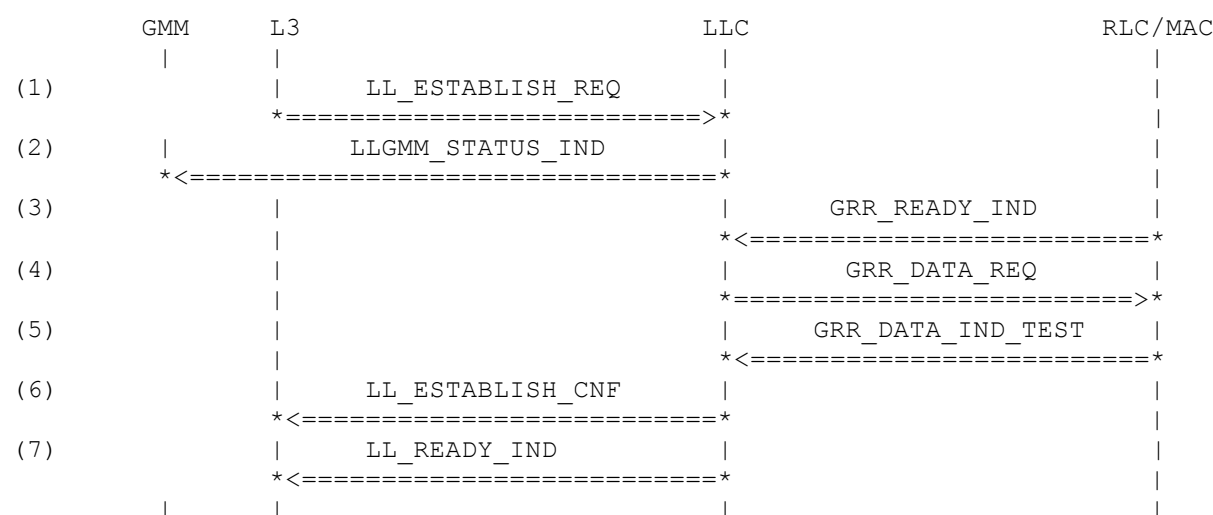
#### 3.10.1 LLC430: Layer-3 initiated ABM re-establishment for SAPI 3, UA response

## Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. The peer responds with UA, ABM is re-established.

## Preamble:

LLC400A



## Parametrization:

| Primitive            | Parameter         | Value                      |
|----------------------|-------------------|----------------------------|
| (1) LL_ESTABLISH_REQ | sapi              | LL_SAPI_3                  |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | sdu               | EMPTY_SDU                  |
| (2) LLGMM_STATUS_IND | error_cause       | LLGMM_ERRCS_L3_REEST       |
| (3) GRR_READY_IND    |                   |                            |
| (4) GRR_DATA_REQ     | sapi              | LL_SAPI_3                  |
|                      | tlli              | TLLI_LOCAL_1               |
|                      | grr_qos           | GRRREQ_QOS_PEAQSUB         |
|                      | radio_prio        | GRR_RADIO_PRIO_1           |
|                      | cause             | GRR_DTACS_DEF              |
|                      | reserved_data_req | NOT_USED                   |
|                      | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3 |

## (5) GRR\_DATA\_IND\_TEST

|      |                             |
|------|-----------------------------|
| tlli | TLLI_LOCAL_1                |
| sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI3 |

## (6) LL\_ESTABLISH\_CNF

|           |                  |
|-----------|------------------|
| sapi      | LL_SAPI_3        |
| tlli      | TLLI_LOCAL_1     |
| n201_u    | N201_U_DEF_SAPI3 |
| n201_i    | N201_I_DEF       |
| xid_valid | LL_XID_VALID     |
| sdu       | EMPTY_SDU        |

## (7) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 23-Feb-2001 | GS | LL_READY_IND added               |
| 31-Jul-2001 | GS | LLGMM_STATUS_IND added           |
| 11-Oct-2001 | GS | Add empty L3 to sdu content      |

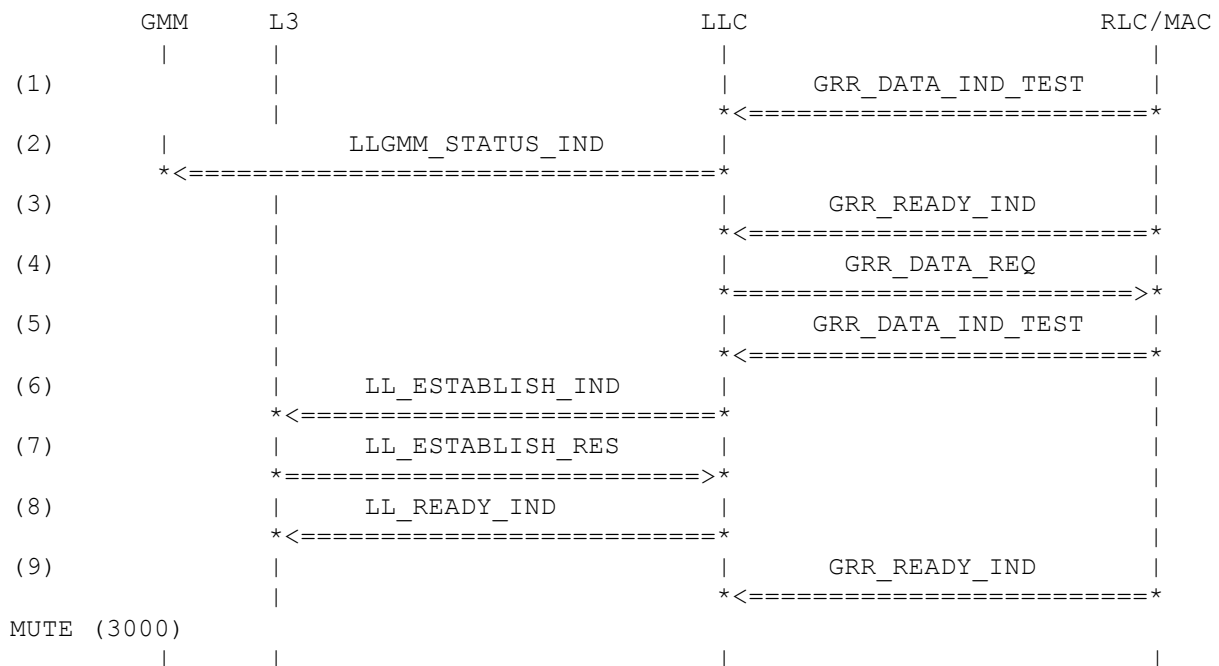
## 3.10.2 LLC435: LLC initiated ABM re-establishment for SAPI 3, UA response

## Description:

LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. The peer responds with UA, ABM is re-established. LLC informs SNDCP of the re-establishment.

## Preamble:

LLC400A



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                       |  |  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3   |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |  |
| (3) GRR_READY_IND     |  |  |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>NOT_USED |
| (5) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3   |
| (6) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                   |
| (7) LL_ESTABLISH_RES  | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_VALID<br>EMPTY_SDU   |
| (8) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (9) GRR_READY_IND     |  |  |

## History:

|             |    |  |
|-------------|----|--|
| 21-Feb-2000 | DB | Initial                                  |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)         |
| 27-Mar-2001 | GS | LL_ESTABLISH_RES added                   |
| 05-Dec-2001 | GS | Flag XID_valid added to LL_ESTABLISH_RES |

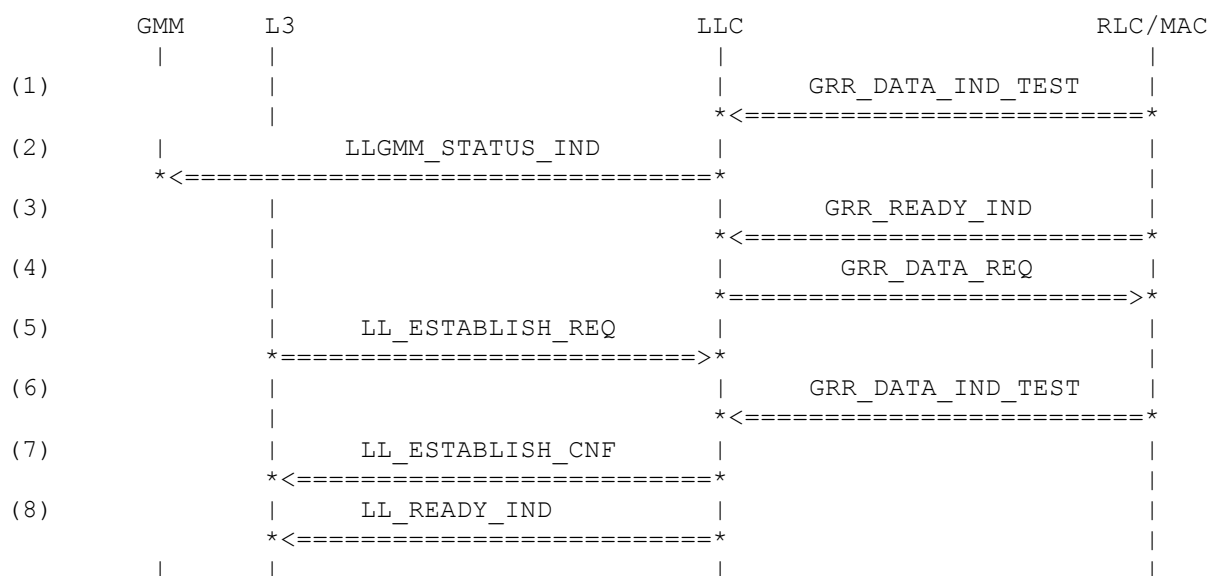
### 3.10.3 LLC436: LLC initiated ABM re-establishment for SAPI 3, Layer-3 re-establish request during pending re-establishment, UA response

## Description:

LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. Layer 3 requests re-establishment of ABM mode of operation. The peer responds with UA, ABM is re-established. LLC confirms the re-establishment to layer 3.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter                                      | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlci<br>sdu                                    | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3   |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST  |  |
| (3) GRR_READY_IND     |  |  |
| (4) GRR_DATA_REQ      | sapi<br>tlci<br>grr_qos<br>radio_prio<br>cause | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF |

|                       |                   |                      |
|-----------------------|-------------------|----------------------|
|                       | reserved_data_req | NOT_USED             |
|                       | sdu               | MS_SABM_NOXID_SAPI3  |
| (5) LL_ESTABLISH_REQ  |                   |                      |
|                       | sapi              | LL_SAPI_3            |
|                       | tlli              | TLLI_LOCAL_1         |
|                       | sdu               | EMPTY_SDU            |
| (6) GRR_DATA_IND_TEST |                   |                      |
|                       | tlli              | TLLI_LOCAL_1         |
|                       | sdu               | SGSN_UA1_NOXID_SAPI3 |
| (7) LL_ESTABLISH_CNF  |                   |                      |
|                       | sapi              | LL_SAPI_3            |
|                       | tlli              | TLLI_LOCAL_1         |
|                       | n201_u            | N201_U_DEF_SAPI3     |
|                       | n201_i            | N201_I_DEF           |
|                       | xid_valid         | LL_XID_INVALID       |
|                       | sdu               | EMPTY_SDU            |
| (8) LL_READY_IND      |                   |                      |
|                       | sapi              | LL_SAPI_3            |
|                       | tlli              | TLLI_LOCAL_1         |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 23-Feb-2001 | GS | LL_READY_IND added               |

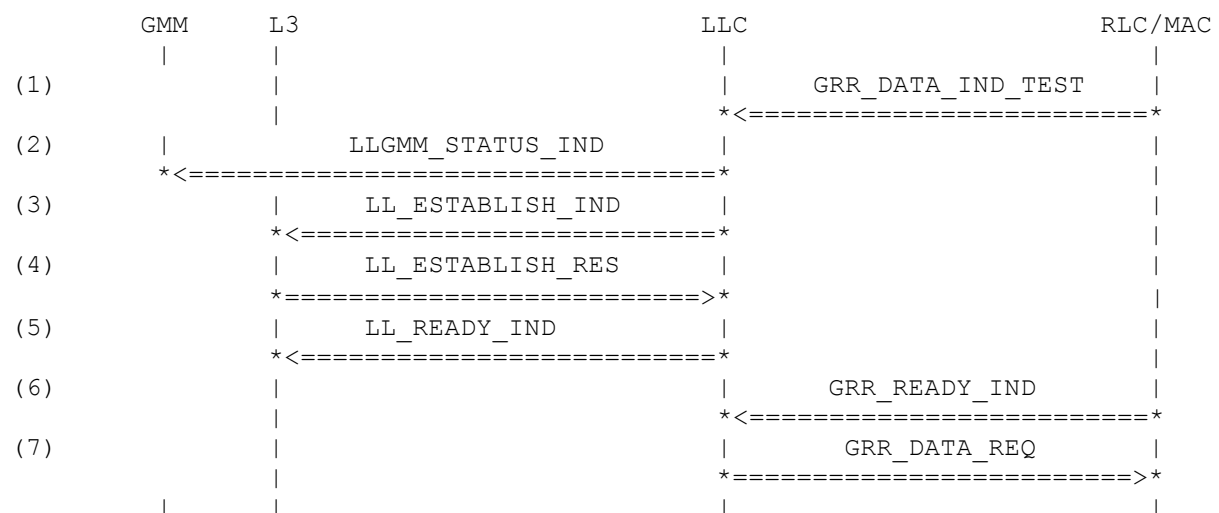
**3.10.4 LLC440: Network initiated ABM re-establishment for SAPI 3**

## Description:

LLC receives the SABM command frame in GRR\_DATA\_IND\_TEST from SNDSCP for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. No layer-3 XID parameters are included. LLC informs SNDSCP of the re-establishment and transmits the UA response to its peer.

## Preamble:

LLC400A



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                       |  |  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_SABM_NOXID_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause  | LLGMM_ERRCS_PEER_REEST   |
| (3) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                             |
| (4) LL_ESTABLISH_RES  | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_INVALID<br>EMPTY_SDU   |
| (5) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (6) GRR_READY_IND     |  |  |
| (7) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_NOXID_SAPI3 |

History:

|             |    |  |
|-------------|----|--|
| 21-Feb-2000 | DB | Initial                                  |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)         |
| 23-Feb-2003 | GS | LL_READY_IND added                       |
| 05-Dec-2001 | GS | Flag xid_valid added to LL_ESTABLISH_RES |

### 3.11 ABM termination (LLC460 – LLC499)

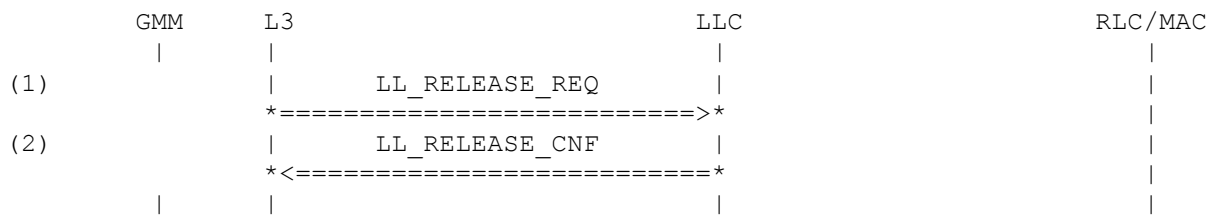
### 3.11.1 LLC460: Layer-3 initiated ABM termination for SAPI 3 (local release)

Description:

LLC receives the primitive LL\_RELEASE\_REQ (local release) from SNDCP for SAPI 3. LLC is in state 'ABM'. LLC terminates ABM mode of operation locally (i.e. without transmitting any command to the peer). Termination of ABM is confirmed to SNDCP.

Preamble:

LLC400A

**Parametrization:**

| Primitive          | Parameter            | Value        |
|--------------------|----------------------|--------------|
| (1) LL_RELEASE_REQ | sapi                 | LL_SAPI_3    |
|                    | tlli                 | TLLI_LOCAL_1 |
|                    | local                | LL_REL_LOCAL |
| (2) LL_RELEASE_CNF | sapi                 | LL_SAPI_3    |
|                    | tlli                 | TLLI_LOCAL_1 |
|                    | reserved_release_cnf | NOT_USED     |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

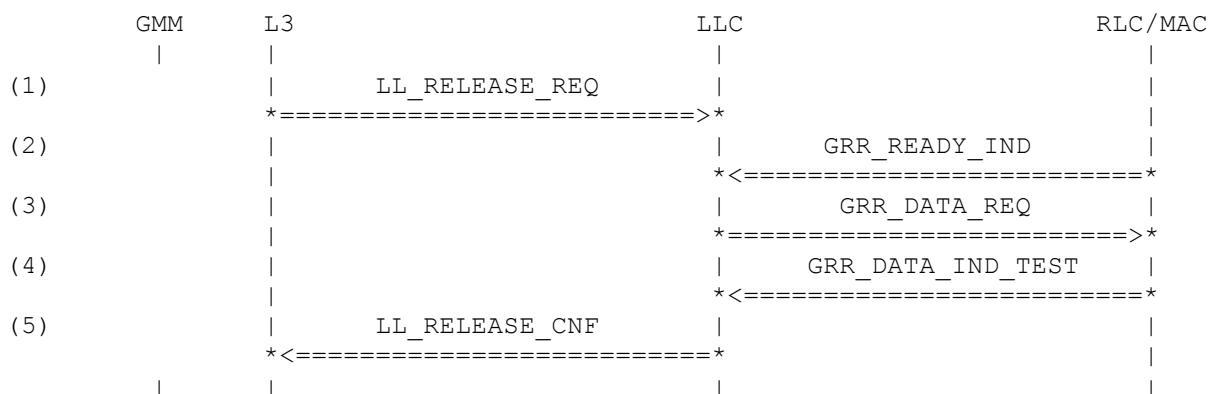
**3.11.2 LLC461: Layer-3 initiated ABM termination for SAPI 3, UA response**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SNDPC. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. The peer responds with UA, ABM is terminated. LLC confirms termination of ABM to SNDPC.

## Preamble:

LLC400A

**Parametrization:**

| Primitive          | Parameter | Value           |
|--------------------|-----------|-----------------|
| (1) LL_RELEASE_REQ | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |
|                    | local     | LL_REL_NOTLOCAL |
| (2) GRR_READY_IND  |           |                 |

## (3) GRR\_DATA\_REQ

|                   |                    |
|-------------------|--------------------|
| sapi              | LL_SAPI_3          |
| tlli              | TLLI_LOCAL_1       |
| grr_qos           | GRRREQ_QOS_PEAQSUB |
| radio_prio        | GRR_RADIO_PRIO_1   |
| cause             | GRR_DTACS_DEF      |
| reserved_data_req | NOT_USED           |
| sdu               | MS_DISC_SAPI3      |

## (4) GRR\_DATA\_IND\_TEST

|      |                      |
|------|----------------------|
| tlli | TLLI_LOCAL_1         |
| sdu  | SGSN_UA1_NOXID_SAPI3 |

## (5) LL\_RELEASE\_CNF

|                      |              |
|----------------------|--------------|
| sapi                 | LL_SAPI_3    |
| tlli                 | TLLI_LOCAL_1 |
| reserved_release_cnf | NOT_USED     |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

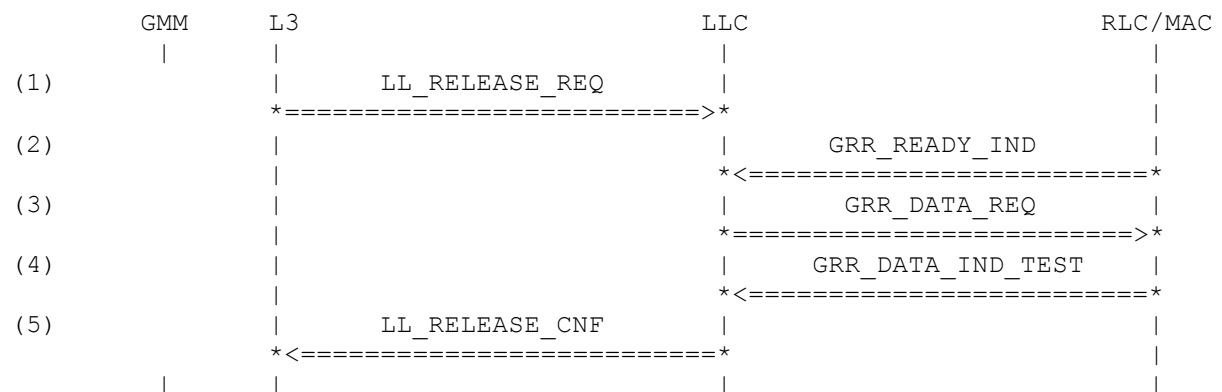
**3.11.3 LLC462: Layer-3 initiated ABM termination for SAPI 3, DM response**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SMDCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. The peer responds with DM, ABM is terminated. LLC confirms termination of ABM to SMDCP.

## Preamble:

LLC400A



## Parametrization:

| Primitive          | Parameter | Value           |
|--------------------|-----------|-----------------|
| (1) LL_RELEASE_REQ | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |
|                    | local     | LL_REL_NOTLOCAL |
| (2) GRR_READY_IND  |           |                 |
| (3) GRR_DATA_REQ   | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |



|                       |                      |                    |
|-----------------------|----------------------|--------------------|
|                       | grr_qos              | GRRREQ_QOS_PEAQSUB |
|                       | radio_prio           | GRR_RADIO_PRIO_1   |
|                       | cause                | GRR_DTACS_DEF      |
|                       | reserved_data_req    | NOT_USED           |
|                       | sdu                  | MS_DISC_SAPI3      |
| (4) GRR_DATA_IND_TEST |                      |                    |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | sdu                  | SGSN_DM1_SAPI3     |
| (5) LL_RELEASE_CNF    |                      |                    |
|                       | sapi                 | LL_SAPI_3          |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | reserved_release_cnf | NOT_USED           |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

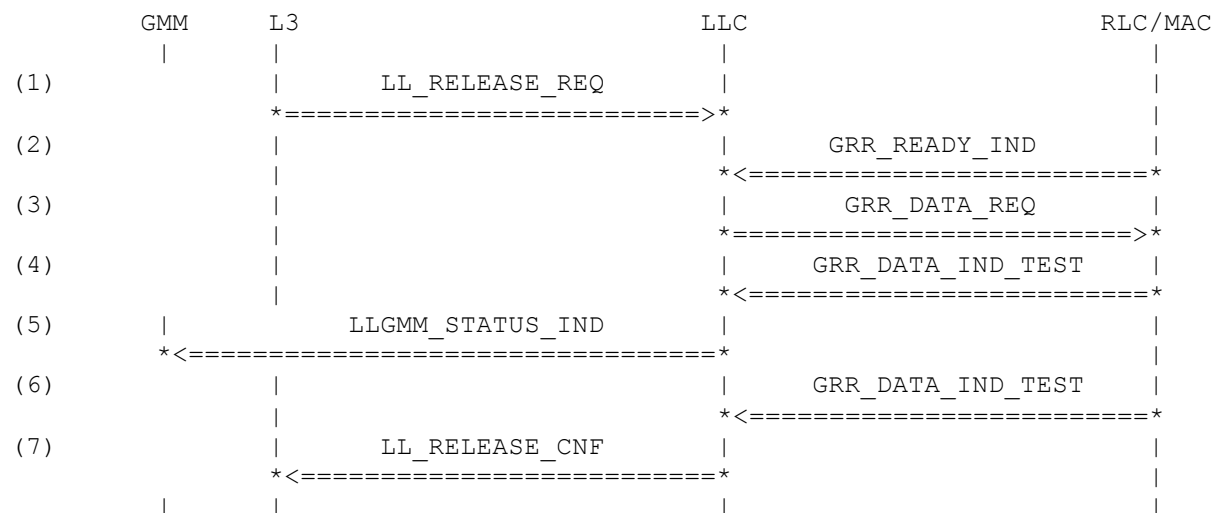
**3.11.4 LLC463: Layer-3 initiated ABM termination for SAPI 3, UA response (F bit 0), UA response (F bit 1)**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SDCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. LLC receives an unsolicited UA response with the F Bit set to 0, followed by an UA response with the F bit set to 1. ABM is terminated. LLC confirms termination of ABM to SDCP.

## Preamble:

LLC400A



## Parametrization:

| Primitive          | Parameter | Value           |
|--------------------|-----------|-----------------|
| (1) LL_RELEASE_REQ | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |
|                    | local     | LL_REL_NOTLOCAL |
| (2) GRR_READY_IND  |           |                 |
| (3) GRR_DATA_REQ   | sapi      | LL_SAPI_3       |

|                       |                      |                           |
|-----------------------|----------------------|---------------------------|
|                       | tlli                 | TLLI_LOCAL_1              |
|                       | grr_qos              | GRRREQ_QOS_PEAKSUB        |
|                       | radio_prio           | GRR_RADIO_PRIO_1          |
|                       | cause                | GRR_DTACS_DEF             |
|                       | reserved_data_req    | NOT_USED                  |
|                       | sdu                  | MS_DISC_SAPI3             |
| (4) GRR_DATA_IND_TEST |                      |                           |
|                       | tlli                 | TLLI_LOCAL_1              |
|                       | sdu                  | SGSN_UA0_NOXID_SAPI3      |
| (5) LLGMM_STATUS_IND  |                      |                           |
|                       | error_cause          | LLGMM_ERRCS_MULT_ASS_TLLI |
| (6) GRR_DATA_IND_TEST |                      |                           |
|                       | tlli                 | TLLI_LOCAL_1              |
|                       | sdu                  | SGSN_UA1_NOXID_SAPI3      |
| (7) LL_RELEASE_CNF    |                      |                           |
|                       | sapi                 | LL_SAPI_3                 |
|                       | tlli                 | TLLI_LOCAL_1              |
|                       | reserved_release_cnf | NOT_USED                  |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 22-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

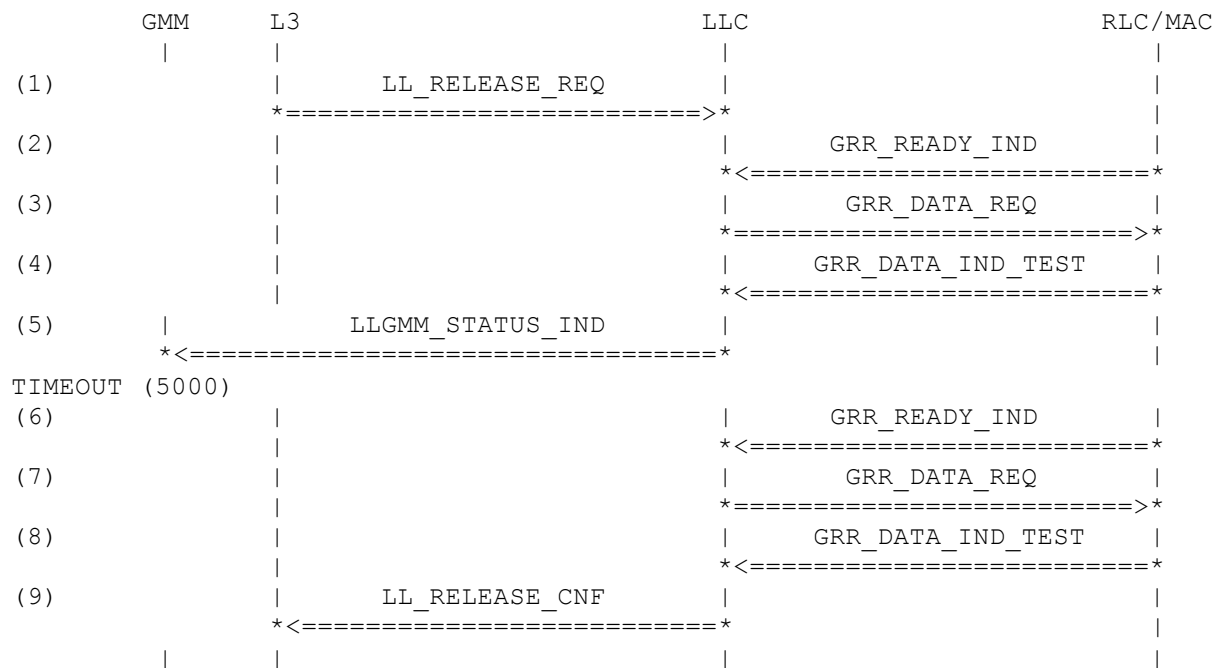
### 3.11.5 LLC464: Layer-3 initiated ABM termination for SAPI 3, UA response (F bit 0), timeout with retransmission, UA response (F bit 1)

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SNDSCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. LLC receives an unsolicited UA response with the F Bit set to 0. Timeout of T200, LLC retransmits the DISC command. The peer responds with UA, ABM is terminated. LLC confirms termination of ABM to SNDSCP.

## Preamble:

LLC400A

**Parametrization:**

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_NOTLOCAL  |
| (2) GRR_READY_IND     |  |   |
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DISC_SAPI3 |
| (4) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA0_NOXID_SAPI3  |
| (5) LLGMM_STATUS_IND  | error_cause  | LLGMM_ERRCS_MULT_ASS_TLLI   |
| (6) GRR_READY_IND     |  |   |
| (7) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DISC_SAPI3 |

## (8) GRR\_DATA\_IND\_TEST

|      |                      |
|------|----------------------|
| tlli | TLLI_LOCAL_1         |
| sdu  | SGSN_UA1_NOXID_SAPI3 |

## (9) LL\_RELEASE\_CNF

|                      |              |
|----------------------|--------------|
| sapi                 | LL_SAPI_3    |
| tlli                 | TLLI_LOCAL_1 |
| reserved_release_cnf | NOT_USED     |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 22-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

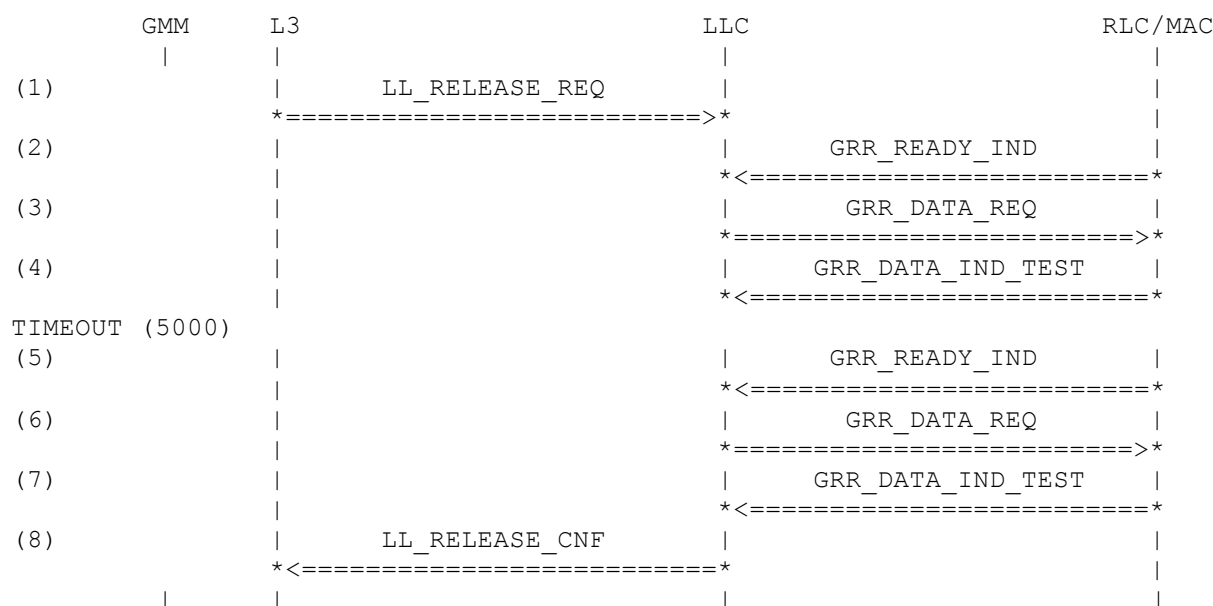
**3.11.6 LLC465: Layer-3 initiated ABM termination for SAPI 3, DM response (F bit 0), timeout with retransmission, DM response (F bit 1)**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SNDCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. LLC receives an unsolicited DM response with F bit set to 0 and discards the frame. Timeout T200, LLC retransmits the DISC command. LLC then receives a DM response with F bit set to 1, ABM is terminated. LLC confirms termination of ABM to SNDCP.

## Preamble:

LLC400A



## Parametrization:

| Primitive          | Parameter | Value           |
|--------------------|-----------|-----------------|
| (1) LL_RELEASE_REQ | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |
|                    | local     | LL_REL_NOTLOCAL |
| (2) GRR_READY_IND  |           |                 |
| (3) GRR_DATA_REQ   | sapi      | LL_SAPI_3       |
|                    | tlli      | TLLI_LOCAL_1    |

|                       |                      |                    |
|-----------------------|----------------------|--------------------|
|                       | grr_qos              | GRRREQ_QOS_PEAKSUB |
|                       | radio_prio           | GRR_RADIO_PRIO_1   |
|                       | cause                | GRR_DTACS_DEF      |
|                       | reserved_data_req    | NOT_USED           |
|                       | sdu                  | MS_DISC_SAPI3      |
| (4) GRR_DATA_IND_TEST |                      |                    |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | sdu                  | SGSN_DM0_SAPI3     |
| (5) GRR_READY_IND     |                      |                    |
| (6) GRR_DATA_REQ      |                      |                    |
|                       | sapi                 | LL_SAPI_3          |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | grr_qos              | GRRREQ_QOS_PEAKSUB |
|                       | radio_prio           | GRR_RADIO_PRIO_1   |
|                       | cause                | GRR_DTACS_DEF      |
|                       | reserved_data_req    | NOT_USED           |
|                       | sdu                  | MS_DISC_SAPI3      |
| (7) GRR_DATA_IND_TEST |                      |                    |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | sdu                  | SGSN_DM1_SAPI3     |
| (8) LL_RELEASE_CNF    |                      |                    |
|                       | sapi                 | LL_SAPI_3          |
|                       | tlli                 | TLLI_LOCAL_1       |
|                       | reserved_release_cnf | NOT_USED           |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 03-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

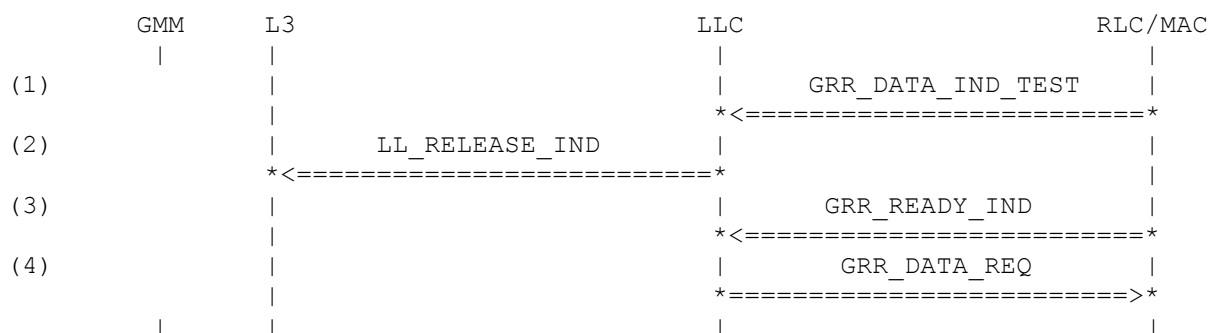
**3.11.7 LLC470: Network initiated ABM termination for SAPI 3**

## Description:

LLC receives the DISC command frame in GRR\_DATA\_IND\_TEST. LLC is in state 'ABM'. LLC informs SNDCP of the termination and transmits the UA response to its peer.

## Preamble:

LLC410A



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                       |  |  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DISC_SAPI3  |
| (2) LL_RELEASE_IND    | sapi<br>tlli<br>cause  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_RELCS_NORMAL   |
| (3) GRR_READY_IND     |  |  |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_UA1_NOXID_SAPI3 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 21-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.11.8 LLC471: Network initiated ABM termination for SAPI 3, LLC is in state 'ADM'**

## Description:

LLC receives the DISC command frame in GRR\_DATA\_IND\_TEST. LLC is in state 'ADM'. LLC transmits the DM response to its peer.

## Preamble:

LLC001

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_DATA_IND_TEST |         |
|     |     |    | *<=====*          |         |
| (2) |     |    | GRR_READY_IND     |         |
|     |     |    | *<=====*          |         |
| (3) |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>          |         |
|     |     |    |                   |         |

## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DISC_SAPI3  |
| (2) GRR_READY_IND     |  |  |
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DM1_SAPI3 |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 22-Feb-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

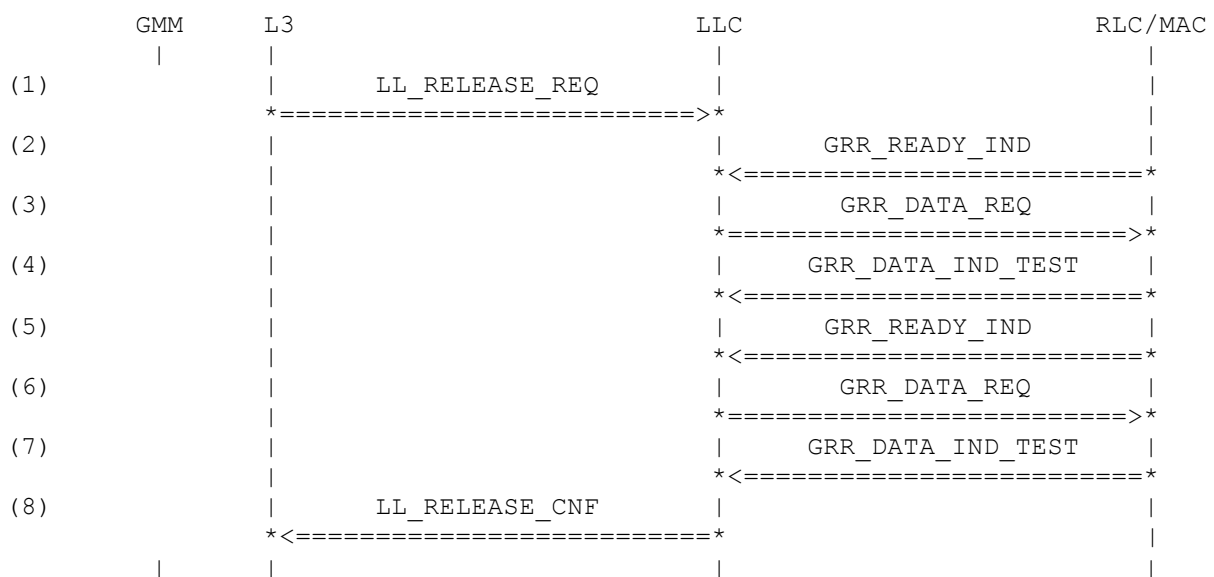
**3.11.9 LLC480: Collision: DISC command transmitted and received**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SMDCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. The peer also sent a DISC command, LLC responds with UA. LLC receives the UA response from the peer, ABM is terminated. LLC confirms termination of ABM to SMDCP.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter         | Value              |
|-----------------------|-------------------|--------------------|
| (1) LL_RELEASE_REQ    | sapi              | LL_SAPI_3          |
|                       | tlli              | TLLI_LOCAL_1       |
|                       | local             | LL_REL_NOTLOCAL    |
| (2) GRR_READY_IND     |                   |                    |
| (3) GRR_DATA_REQ      | sapi              | LL_SAPI_3          |
|                       | tlli              | TLLI_LOCAL_1       |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB |
|                       | radio_prio        | GRR_RADIO_PRIO_1   |
|                       | cause             | GRR_DTACS_DEF      |
|                       | reserved_data_req | NOT_USED           |
|                       | sdu               | MS_DISC_SAPI3      |
| (4) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1       |
|                       | sdu               | SGSN_DISC_SAPI3    |
| (5) GRR_READY_IND     |                   |                    |

## (6) GRR\_DATA\_REQ

|                   |                      |
|-------------------|----------------------|
| sapi              | LL_SAPI_3            |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKEBSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | MS_UA1_NOXID_SAPI3   |

## (7) GRR\_DATA\_IND\_TEST

|      |                      |
|------|----------------------|
| tlli | TLLI_LOCAL_1         |
| sdu  | SGSN_UA1_NOXID_SAPI3 |

## (8) LL\_RELEASE\_CNF

|                      |              |
|----------------------|--------------|
| sapi                 | LL_SAPI_3    |
| tlli                 | TLLI_LOCAL_1 |
| reserved_release_cnf | NOT_USED     |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 02-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

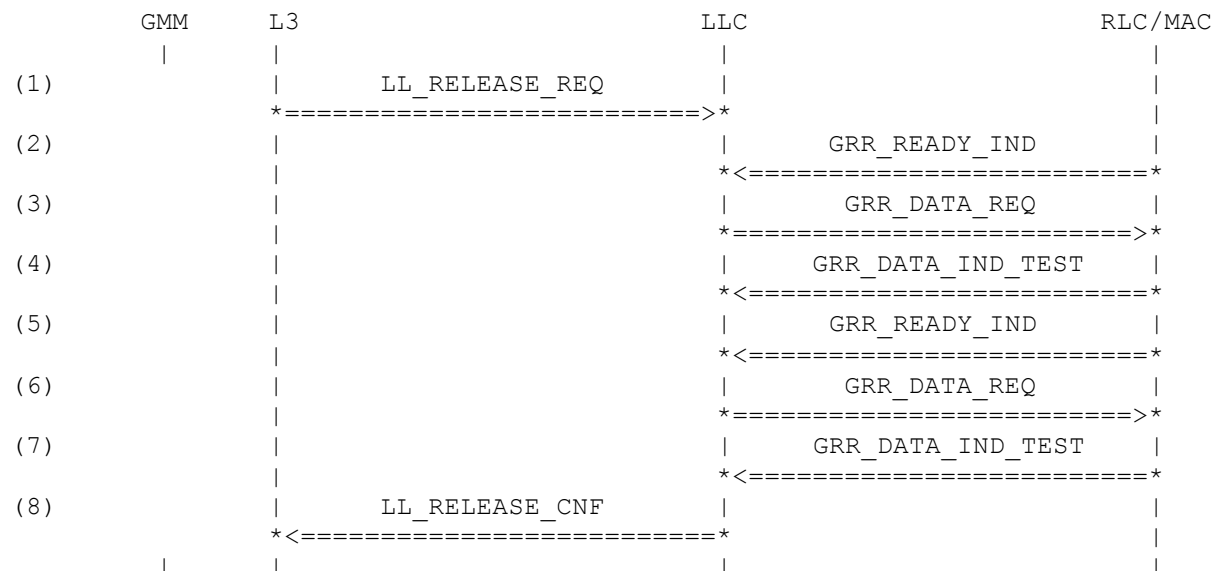
**3.11.10 LLC481: Collision: DISC transmitted and SABM received**

## Description:

LLC receives the primitive LL\_RELEASE\_REQ from SDCP. LLC is in state 'ABM'. LLC transmits the DISC command to its peer to terminate ABM mode of operation. The peer sent the SABM command. LLC responds with DM command and waits until the DM command from the peer has been received. ABM is then terminated. LLC confirms termination of ABM to SDCP.

## Preamble:

LLC400A



## Parametrization:

| Primitive          | Parameter | Value     |
|--------------------|-----------|-----------|
| (1) LL_RELEASE_REQ | sapi      | LL_SAPI_3 |



|                       |  |   |
|-----------------------|--|---|
|                       | tlli<br>local  | TLLI_LOCAL_1<br>LL_REL_NOTLOCAL   |
| (2) GRR_READY_IND     |  |   |
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DISC_SAPI3 |
| (4) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_SABM_NOXID_SAPI3   |
| (5) GRR_READY_IND     |  |   |
| (6) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DM1_SAPI3  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM1_SAPI3  |
| (8) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 03-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

## 3.12 Frame rejection condition (LLC500 – LLC549)

### 3.12.1 LLC500: Receipt of a undefined command control field in ADM mode

## Description:

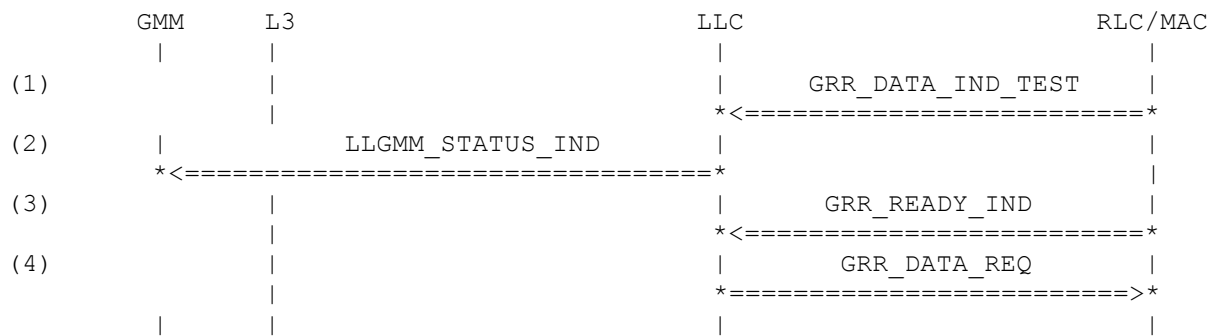
LLC receives a frame from the peer with an undefined control field. LLC discards the frame and responds with a FRMR response frame.

## Preamble:

LLC001

## Variants:

<A>....<F>



### Parametrization:

| Primitive             | Parameter         | Value                      |
|-----------------------|-------------------|----------------------------|
| (1) GRR_DATA_IND_TEST |                   |                            |
|                       | tlfi              | TLLI_LOCAL_1               |
| <A>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI1  |
| <B>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI3  |
| <C>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI5  |
| <D>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI7  |
| <E>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI9  |
| <F>                   | sdu               | SGSN_UNDEFCOMMCTRL0_SAPI11 |
| (2) LLGMM_STATUS_IND  |                   |                            |
|                       | error_cause       | LLGMM_ERRCS_FRMR_COND      |
| (3) GRR_READY_IND     |                   |                            |
| (4) GRR_DATA_REQ      |                   |                            |
| <A>                   | sapi              | LL_SAPI_1                  |
| <B>                   | sapi              | LL_SAPI_3                  |
| <C>                   | sapi              | LL_SAPI_5                  |
| <D>                   | sapi              | LL_SAPI_7                  |
| <E>                   | sapi              | LL_SAPI_9                  |
| <F>                   | sapi              | LL_SAPI_11                 |
|                       | tlfi              | TLLI_LOCAL_1               |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB         |
|                       | radio_prio        | GRR_RADIO_PRIO_1           |
|                       | cause             | GRR_DTACS_DEF              |
|                       | reserved_data_req | NOT_USED                   |
| <A>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI1   |
| <B>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI3   |
| <C>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI5   |
| <D>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI7   |
| <E>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI9   |
| <F>                   | sdu               | MS_FRMR_UNDEFCTRL0_SAPI11  |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 03-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

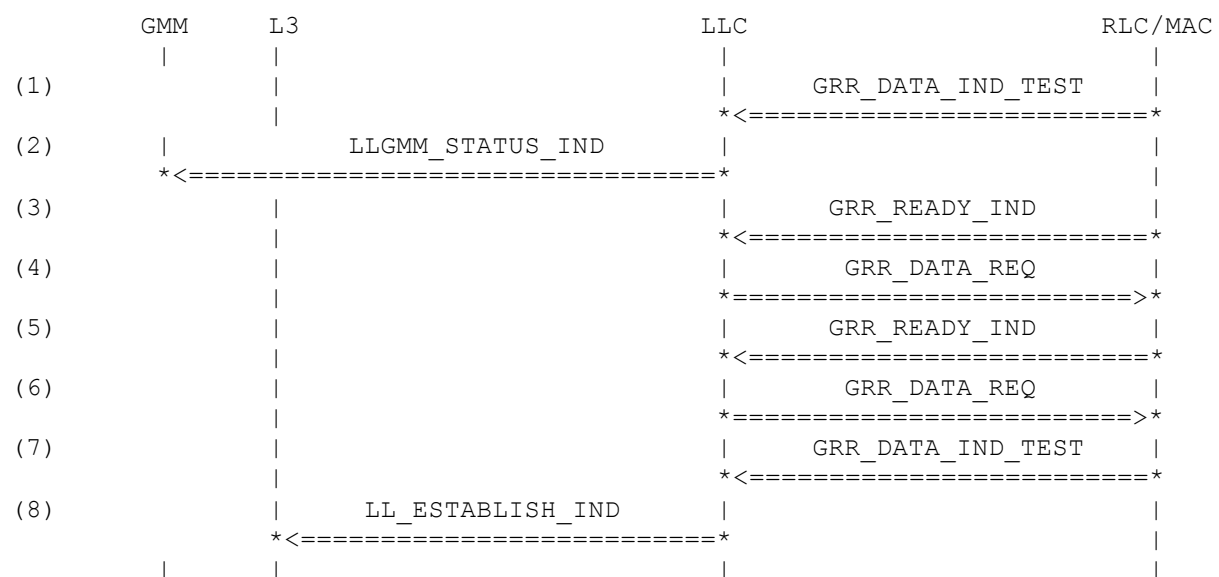
**3.12.2 LLC505: Receipt of a undefined command control field for SAPI 3 in ABM mode, re-establish ABM, UA response**

## Description:

LLC receives a frame from the peer with an undefined control field. LLC discards the frame, responds with a FRMR response frame, and initiates re-establishment of ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. The peer responds with UA, ABM is re-established. LLC informs SNDCP of the re-establishment.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UNDEFCOMMCTRL0_SAPI3   |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_FRMR_COND_REEST                                 |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_FRMR_UNDEFCCTRL0_REEST_SAPI3 |
| (5) GRR_READY_IND     |  |   |

## (6) GRR\_DATA\_REQ

|                   |                      |
|-------------------|----------------------|
| sapi              | LL_SAPI_3            |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKEBSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | MS_SABM_NOXID_SAPI3  |

## (7) GRR\_DATA\_IND\_TEST

|      |                      |
|------|----------------------|
| tlli | TLLI_LOCAL_1         |
| sdu  | SGSN_UA1_NOXID_SAPI3 |

## (8) LL\_ESTABLISH\_IND

|           |                  |
|-----------|------------------|
| sapi      | LL_SAPI_3        |
| tlli      | TLLI_LOCAL_1     |
| n201_u    | N201_U_DEF_SAPI3 |
| n201_i    | N201_I_DEF       |
| xid_valid | LL_XID_INVALID   |
| sdu       | EMPTY_SDU        |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 06-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |

**3.12.3 LLC510: Layer-3 initiated ABM establishment, DM response (with forbidden information field), DM response**

## Description:

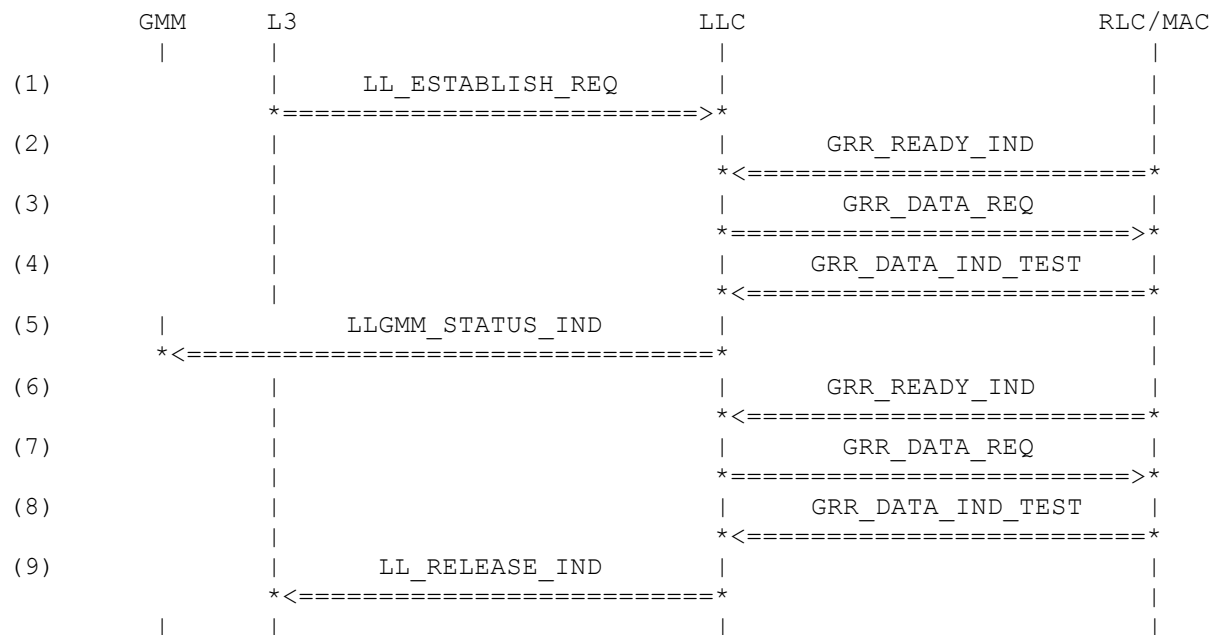
LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with DM, but included an information field in the response, which is forbidden. LLC sends a FRMR response. The peer sends a DM response (without information field), ABM establishment is aborted.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;

**Parametrization:**

| Primitive             | Parameter         | Value                       |
|-----------------------|-------------------|-----------------------------|
| (1) LL_ESTABLISH_REQ  |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | sdu               | EMPTY_SDU                   |
| (2) GRR_READY_IND     |                   |                             |
| (3) GRR_DATA_REQ      |                   |                             |
| <A>                   | sapi              | LL_SAPI_3                   |
| <B>                   | sapi              | LL_SAPI_5                   |
| <C>                   | sapi              | LL_SAPI_9                   |
| <D>                   | sapi              | LL_SAPI_11                  |
|                       | tlli              | TLLI_LOCAL_1                |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB          |
|                       | radio_prio        | GRR_RADIO_PRIO_1            |
|                       | cause             | GRR_DTACS_DEF               |
|                       | reserved_data_req | NOT_USED                    |
| <A>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |
| (4) GRR_DATA_IND_TEST |                   |                             |
| <A>                   | tlli              | TLLI_LOCAL_1                |
| <B>                   | sdu               | SGSN_DM1_WITHINFO_SAPI3     |
| <C>                   | sdu               | SGSN_DM1_WITHINFO_SAPI5     |
| <D>                   | sdu               | SGSN_DM1_WITHINFO_SAPI9     |
|                       | sdu               | SGSN_DM1_WITHINFO_SAPI11    |
| (5) LLGMM_STATUS_IND  |                   |                             |
|                       | error_cause       | LLGMM_ERRCS_FRMR_COND       |

## (6) GRR\_READY\_IND

## (7) GRR\_DATA\_REQ

|     |                   |                    |
|-----|-------------------|--------------------|
| <A> | sapi              | LL_SAPI_3          |
| <B> | sapi              | LL_SAPI_5          |
| <C> | sapi              | LL_SAPI_9          |
| <D> | sapi              | LL_SAPI_11         |
|     | tlli              | TLLI_LOCAL_1       |
|     | grr_qos           | GRRREQ_QOS_PEAKSUB |
|     | radio_prio        | GRR_RADIO_PRIO_1   |
|     | cause             | GRR_DTACS_DEF      |
|     | reserved_data_req | NOT_USED           |
| <A> | sdu               | MS_FRMR_DM1_SAPI3  |
| <B> | sdu               | MS_FRMR_DM1_SAPI5  |
| <C> | sdu               | MS_FRMR_DM1_SAPI9  |
| <D> | sdu               | MS_FRMR_DM1_SAPI11 |

## (8) GRR\_DATA\_IND\_TEST

|     |      |                 |
|-----|------|-----------------|
|     | tlli | TLLI_LOCAL_1    |
| <A> | sdu  | SGSN_DM1_SAPI3  |
| <B> | sdu  | SGSN_DM1_SAPI5  |
| <C> | sdu  | SGSN_DM1_SAPI9  |
| <D> | sdu  | SGSN_DM1_SAPI11 |

## (9) LL\_RELEASE\_IND

|     |       |                      |
|-----|-------|----------------------|
| <A> | sapi  | LL_SAPI_3            |
| <B> | sapi  | LL_SAPI_5            |
| <C> | sapi  | LL_SAPI_9            |
| <D> | sapi  | LL_SAPI_11           |
|     | tlli  | TLLI_LOCAL_1         |
|     | cause | LL_RELCS_DM_RECEIVED |

## History:

|             |    |                                  |
|-------------|----|----------------------------------|
| 07-Mar-2000 | DB | Initial                          |
| 22-May-2000 | DB | Inserted reserved_* parameter(s) |
| 11-Oct-2001 | GS | Add empty I3 sdu                 |

### 3.13 Trigger Request (LLC550 – LLC599)

#### 3.13.1 LLC550: RLC/MAC unacknowledged frame waiting to be transmitted, send acknowledged UI frame

## Description:

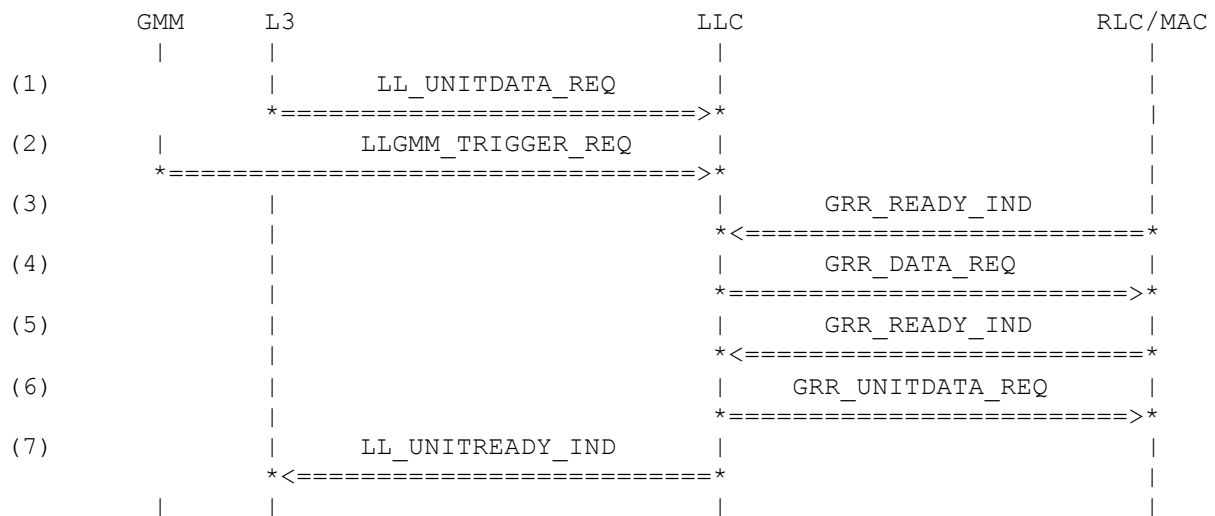
LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. LLC receives a trigger request with cause cell update from GMM, but no acknowledged frame is buffered, so LLC sends an empty UI frame, this one acknowledged, which is inserted at the beginning of the local transmit queue due to the special primitive cause. RLC/MAC indicates ready, LLC sends the empty UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ. RLC/MAC indicates again that it is ready to receive data, so the UI frame containing layer 3 data is sent.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;

**Parametrization:**

| Primitive             | Parameter              | Value                   |
|-----------------------|------------------------|-------------------------|
| (1) LL_UNITDATA_REQ   |                        |                         |
| <A>                   | sapi                   | LL_SAPI_3               |
| <B>                   | sapi                   | LL_SAPI_5               |
| <C>                   | sapi                   | LL_SAPI_9               |
| <D>                   | sapi                   | LL_SAPI_11              |
|                       | tlli                   | TLLI_LOCAL_1            |
|                       | ll_qos                 | LLREQ_QOS_DEL4_REL5     |
|                       | radio_prio             | LL_RADIO_PRIO_3         |
|                       | cipher                 | LL_CIPHER_OFF           |
|                       | reserved_unitdata_req1 | NOT_USED                |
|                       | seg_pos                | NOT_USED                |
|                       | attached_counter       | LLC_NO_ATTACHE          |
|                       | reserved_unitdata_req4 | NOT_USED                |
|                       | reserved_unitdata_req5 | NOT_USED                |
|                       | sdu                    | LLREQ_SDU100            |
| (2) LLGMM_TRIGGER_REQ |                        |                         |
|                       | trigger_cause          | LLGMM_TRICS_CELL_UPDATE |
| (3) GRR_READY_IND     |                        |                         |
| (4) GRR_DATA_REQ      |                        |                         |
|                       | sapi                   | LL_SAPI_1               |
|                       | tlli                   | TLLI_LOCAL_1            |
|                       | grr_qos                | GRRREQ_QOS_PEAKEUB      |
|                       | radio_prio             | LL_RADIO_PRIO_1         |
|                       | cause                  | GRR_DTACS_EMPTY_FRAME   |
|                       | reserved_data_req      | NOT_USED                |
|                       | sdu                    | GRRREQ_SDU0_SAPI1_PM0   |
| (5) GRR_READY_IND     |                        |                         |
| (6) GRR_UNITDATA_REQ  |                        |                         |
| <A>                   | sapi                   | LL_SAPI_3               |
| <B>                   | sapi                   | LL_SAPI_5               |
| <C>                   | sapi                   | LL_SAPI_9               |
| <D>                   | sapi                   | LL_SAPI_11              |
|                       | tlli                   | TLLI_LOCAL_1            |
|                       | grr_qos                | GRRREQ_QOS_PEAKEUB      |

|                      |                        |                      |
|----------------------|------------------------|----------------------|
|                      | radio_prio             | LL_RADIO_PRIO_3      |
|                      | reserved_unitdata_req1 | NOT_USED             |
|                      | reserved_unitdata_req2 | NOT_USED             |
| <A>                  | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B>                  | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C>                  | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D>                  | sdu                    | GRRREQ_SDU100_SAPI11 |
| (7) LL_UNITREADY_IND |                        |                      |
| <A>                  | sapi                   | LL_SAPI_3            |
| <B>                  | sapi                   | LL_SAPI_5            |
| <C>                  | sapi                   | LL_SAPI_9            |
| <D>                  | sapi                   | LL_SAPI_11           |
|                      | tlli                   | LL_TLLI_INVALID      |

## History:

|             |    |   |
|-------------|----|---|
| 30-Mar-2000 | DB | Initial   |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                                |
| 29-May-2000 | DB | Exchanged GRR_*_REQ primitives due to new trigger behaviour     |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs                             |
| 12-Sep-2001 | GS | SAPI 7 variant removed.   |
| 22-May-2003 | UT | Cause in GRR_DATA_REQ modified due to new Cell Update Procedure |

**3.13.2 LLC560: RLC/MAC acknowledged frame waiting to be transmitted, use trigger cause**

## Description:

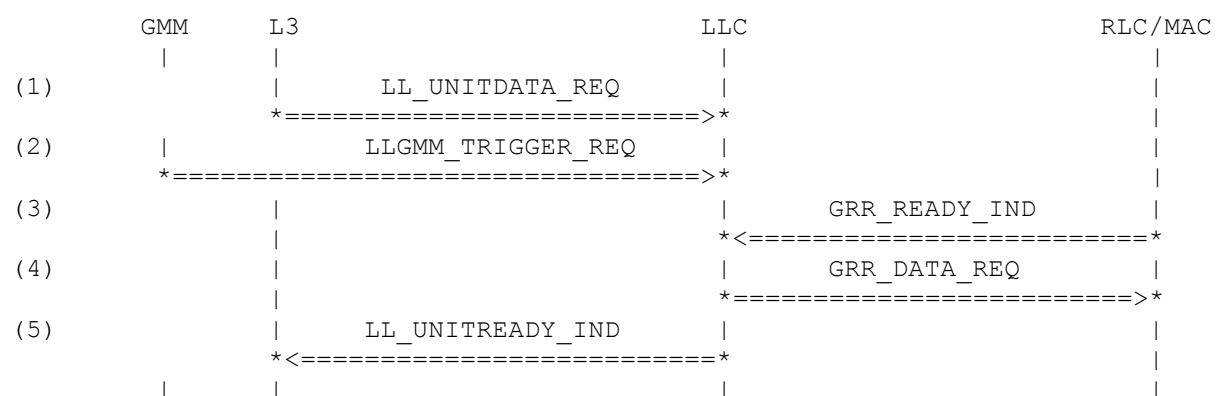
LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. LLC receives a trigger request with cause cell update from GMM, the transmission cause of the buffered frame is modified to contain cell update. RLC/MAC indicates ready, LLC sends the buffered data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ with cause cell update.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;E&gt;



## Parametrization:

| Primitive           | Parameter | Value     |
|---------------------|-----------|-----------|
| (1) LL_UNITDATA_REQ |           |           |
| <A>                 | sapi      | LL_SAPI_3 |
| <B>                 | sapi      | LL_SAPI_5 |
| <C>                 | sapi      | LL_SAPI_7 |



|                       |                        |                         |
|-----------------------|------------------------|-------------------------|
| <D>                   | sapi                   | LL_SAPI_9               |
| <E>                   | sapi                   | LL_SAPI_11              |
|                       | tlli                   | TLLI_LOCAL_1            |
|                       | ll_qos                 | LLREQ_QOS_DEL4_REL3     |
|                       | radio_prio             | LL_RADIO_PRIO_3         |
|                       | cipher                 | LL_CIPHER_OFF           |
|                       | reserved_unitdata_req1 | NOT_USED                |
|                       | seg_pos                | NOT_USED                |
|                       | attached_counter       | LLC_NO_ATTACHE          |
|                       | reserved_unitdata_req4 | NOT_USED                |
|                       | reserved_unitdata_req5 | NOT_USED                |
|                       | sdu                    | LLREQ_SDU100            |
| (2) LLGMM_TRIGGER_REQ |                        |                         |
|                       | trigger_cause          | LLGMM_TRICS_CELL_UPDATE |
| (3) GRR_READY_IND     |                        |                         |
| (4) GRR_DATA_REQ      |                        |                         |
| <A>                   | sapi                   | LL_SAPI_3               |
| <B>                   | sapi                   | LL_SAPI_5               |
| <C>                   | sapi                   | LL_SAPI_7               |
| <D>                   | sapi                   | LL_SAPI_9               |
| <E>                   | sapi                   | LL_SAPI_11              |
|                       | tlli                   | TLLI_LOCAL_1            |
|                       | grr_qos                | GRRREQ_QOS_PEAKSUB      |
|                       | radio_prio             | LL_RADIO_PRIO_3         |
|                       | cause                  | GRR_DTACS_DEF           |
|                       | reserved_data_req      | NOT_USED                |
| <A>                   | sdu                    | GRRREQ_SDU100_SAPI3_PM  |
| <B>                   | sdu                    | GRRREQ_SDU100_SAPI5_PM  |
| <C>                   | sdu                    | GRRREQ_SDU100_SAPI7_PM  |
| <D>                   | sdu                    | GRRREQ_SDU100_SAPI9_PM  |
| <E>                   | sdu                    | GRRREQ_SDU100_SAPI11_PM |
| (5) LL_UNITREADY_IND  |                        |                         |
| <A>                   | sapi                   | LL_SAPI_3               |
| <B>                   | sapi                   | LL_SAPI_5               |
| <C>                   | sapi                   | LL_SAPI_7               |
| <D>                   | sapi                   | LL_SAPI_9               |
| <E>                   | sapi                   | LL_SAPI_11              |
|                       | tlli                   | LL_TLLI_INVALID         |

## History:

|             |    |   |
|-------------|----|---|
| 30-Mar-2000 | DB | Initial   |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                                |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs                             |
| 22-May-2003 | UT | Cause in GRR_DATA_REQ modified due to new Cell Update Procedure |

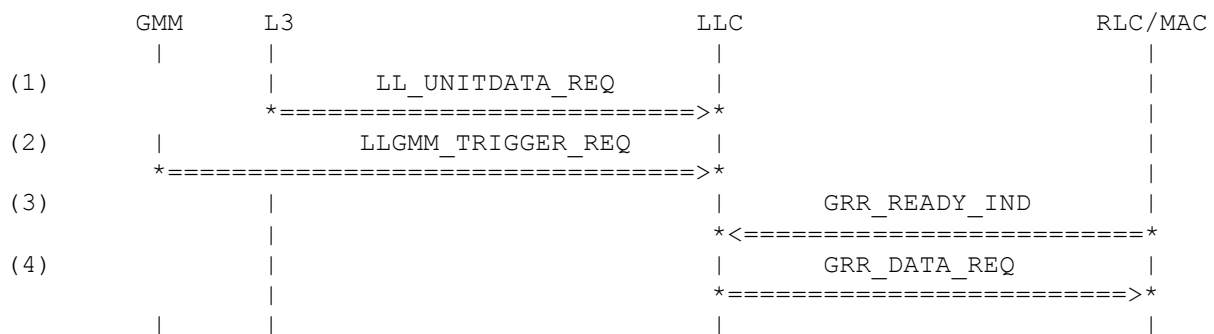
**3.13.3 LLC561: RLC/MAC acknowledged frame waiting to be transmitted on SAPI 1, use trigger cause**

## Description:

LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. LLC receives a trigger request with cause page response from GMM, the transmission cause of the buffered frame is modified to contain page response. RLC/MAC indicates ready, LLC sends the buffered data in an UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ with cause page response.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter              | Value                     |
|-----------------------|------------------------|---------------------------|
| (1) LL_UNITDATA_REQ   | sapi                   | LL_SAPI_1                 |
|                       | tlli                   | TLLI_LOCAL_1              |
|                       | ll_qos                 | LLREQ_QOS_DEL4_REL3       |
|                       | radio_prio             | LL_RADIO_PRIO_1           |
|                       | cipher                 | LL_CIPHER_OFF             |
|                       | reserved_unitdata_req1 | NOT_USED                  |
|                       | seg_pos                | NOT_USED                  |
|                       | attached_counter       | LLC_NO_ATTACHE            |
|                       | reserved_unitdata_req4 | NOT_USED                  |
|                       | reserved_unitdata_req5 | NOT_USED                  |
|                       | sdu                    | LLREQ_SDU100              |
| (2) LLGMM_TRIGGER_REQ | trigger_cause          | LLGMM_TRICS_PAGE_RESPONSE |
| (3) GRR_READY_IND     |                        |                           |
| (4) GRR_DATA_REQ      | sapi                   | LL_SAPI_1                 |
|                       | tlli                   | TLLI_LOCAL_1              |
|                       | grr_qos                | GRRREQ_QOS_PEAKSUB        |
|                       | radio_prio             | LL_RADIO_PRIO_1           |
|                       | cause                  | GRR_DTACS_PAGE_RESPONSE   |
|                       | reserved_data_req      | NOT_USED                  |
|                       | sdu                    | GRRREQ_SDU100_SAPI1_PM    |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-Mar-2000 | DB | Initial                             |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)    |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |

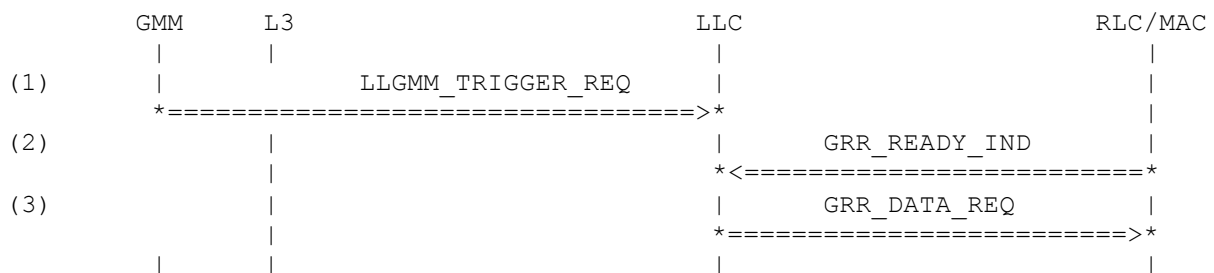
**3.13.4 LLC570: No frame waiting to be transmitted, transmit UI frame with no information field**

## Description:

LLC receives a trigger request with cause page response from GMM, no frame is waiting to be transmitted. LLC builds a UI frame with no information field and buffers it until RLC/MAC indicates ready. RLC/MAC indicates ready, LLC sends the buffered UI frame to RLC/MAC using the primitive GRR\_DATA\_REQ with cause page response.

## Preamble:

LLC001



## Parametrization:

| Primitive             | Parameter         | Value                   |
|-----------------------|-------------------|-------------------------|
| (1) LLGMM_TRIGGER_REQ | trigger_cause     | LLGMM_TRICS_CELL_UPDATE |
| (2) GRR_READY_IND     |                   |                         |
| (3) GRR_DATA_REQ      | sapi              | LL_SAPI_1               |
|                       | tlli              | TLLI_LOCAL_1            |
|                       | grr_qos           | GRRREQ_QOS_PEAKESSUB    |
|                       | radio_prio        | LL_RADIO_PRIO_1         |
|                       | cause             | GRR_DTACS_EMPTY_FRAME   |
|                       | reserved_data_req | NOT_USED                |
|                       | sdu               | GRRREQ_SDU0_SAPI1_PM0   |

## History:

|             |    |   |
|-------------|----|---|
| 03-Apr-2000 | DB | Initial   |
| 22-May-2000 | DB | Inserted reserved_* parameter(s)                                |
| 22-May-2003 | UT | Cause in GRR_DATA_REQ modified due to new Cell Update Procedure |

### 3.14 Suspended Mode (LLC600 – LLC649)

#### 3.14.1 LLC600: LLC suspended, unacknowledged frame transmission requested, LLC resumed, send buffered frame

## Description:

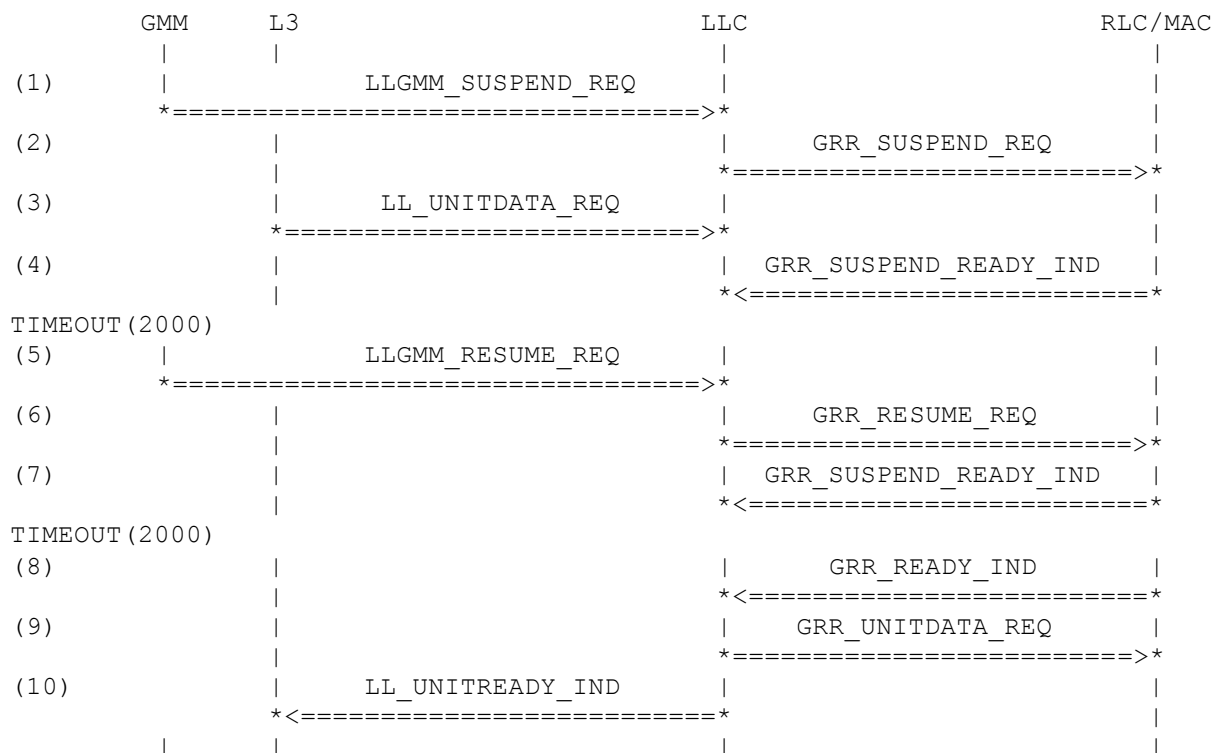
LLC is being suspended by GMM. LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. RLC/MAC indicates ready, LLC sends the buffered UI frame containing the layer 3 data.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



## Parametrization:

| Primitive             | Parameter  | Value     |
|-----------------------|------------|-----------|
| (1) LLGMM_SUSPEND_REQ |            |           |
| <A>                   | susp_cause | LLGMM_RAU |
| <B>                   | susp_cause | LLGMM_RAU |
| <C>                   | susp_cause | LLGMM_RAU |
| <D>                   | susp_cause | LLGMM_RAU |
| (2) GRR_SUSPEND_REQ   |            |           |

## (3) LL\_UNITDATA\_REQ

|     |                        |                     |
|-----|------------------------|---------------------|
| <A> | sapi                   | LL_SAPI_3           |
| <B> | sapi                   | LL_SAPI_5           |
| <C> | sapi                   | LL_SAPI_9           |
| <D> | sapi                   | LL_SAPI_11          |
|     | tlli                   | TLLI_LOCAL_1        |
|     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|     | radio_prio             | LL_RADIO_PRIO_3     |
|     | cipher                 | LL_CIPHER_OFF       |
|     | reserved_unitdata_req1 | NOT_USED            |
|     | seg_pos                | NOT_USED            |
|     | attached_counter       | LLC_NO_ATTACHE      |
|     | reserved_unitdata_req4 | NOT_USED            |
|     | reserved_unitdata_req5 | NOT_USED            |
|     | sdu                    | LLREQ_SDU100        |

## (4) GRR\_SUSPEND\_READY\_IND

## (5) LLGMM\_RESUME\_REQ

## (6) GRR\_RESUME\_REQ

## (7) GRR\_SUSPEND\_READY\_IND

## (8) GRR\_READY\_IND

## (9) GRR\_UNITDATA\_REQ

|     |                        |                      |
|-----|------------------------|----------------------|
| <A> | sapi                   | LL_SAPI_3            |
| <B> | sapi                   | LL_SAPI_5            |
| <C> | sapi                   | LL_SAPI_9            |
| <D> | sapi                   | LL_SAPI_11           |
|     | tlli                   | TLLI_LOCAL_1         |
|     | grr_qos                | GRRREQ_QOS_PEAKESSUB |
|     | radio_prio             | LL_RADIO_PRIO_3      |
|     | reserved_unitdata_req1 | NOT_USED             |
|     | reserved_unitdata_req2 | NOT_USED             |
| <A> | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B> | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C> | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D> | sdu                    | GRRREQ_SDU100_SAPI11 |

## (10) LL\_UNITREADY\_IND

|     |      |                 |
|-----|------|-----------------|
| <A> | sapi | LL_SAPI_3       |
| <B> | sapi | LL_SAPI_5       |
| <C> | sapi | LL_SAPI_9       |
| <D> | sapi | LL_SAPI_11      |
|     | tlli | LL_TLLI_INVALID |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 29-May-2000 | DB | Initial                             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 12-Sep-2001 | GS | SAPI 7 variant removed              |
| 18-Oct-2001 | GS | Suspension cause added              |
| 30-Jan-2002 | GS | GRR suspend/resume handling added.  |
| 22-Mar-2002 | GS | Change susp_cause to call           |

**3.14.2 LLC601: Transmission of several frames for different SAPIs, LLC suspended/resumed with frame transmission on SAPI 1**

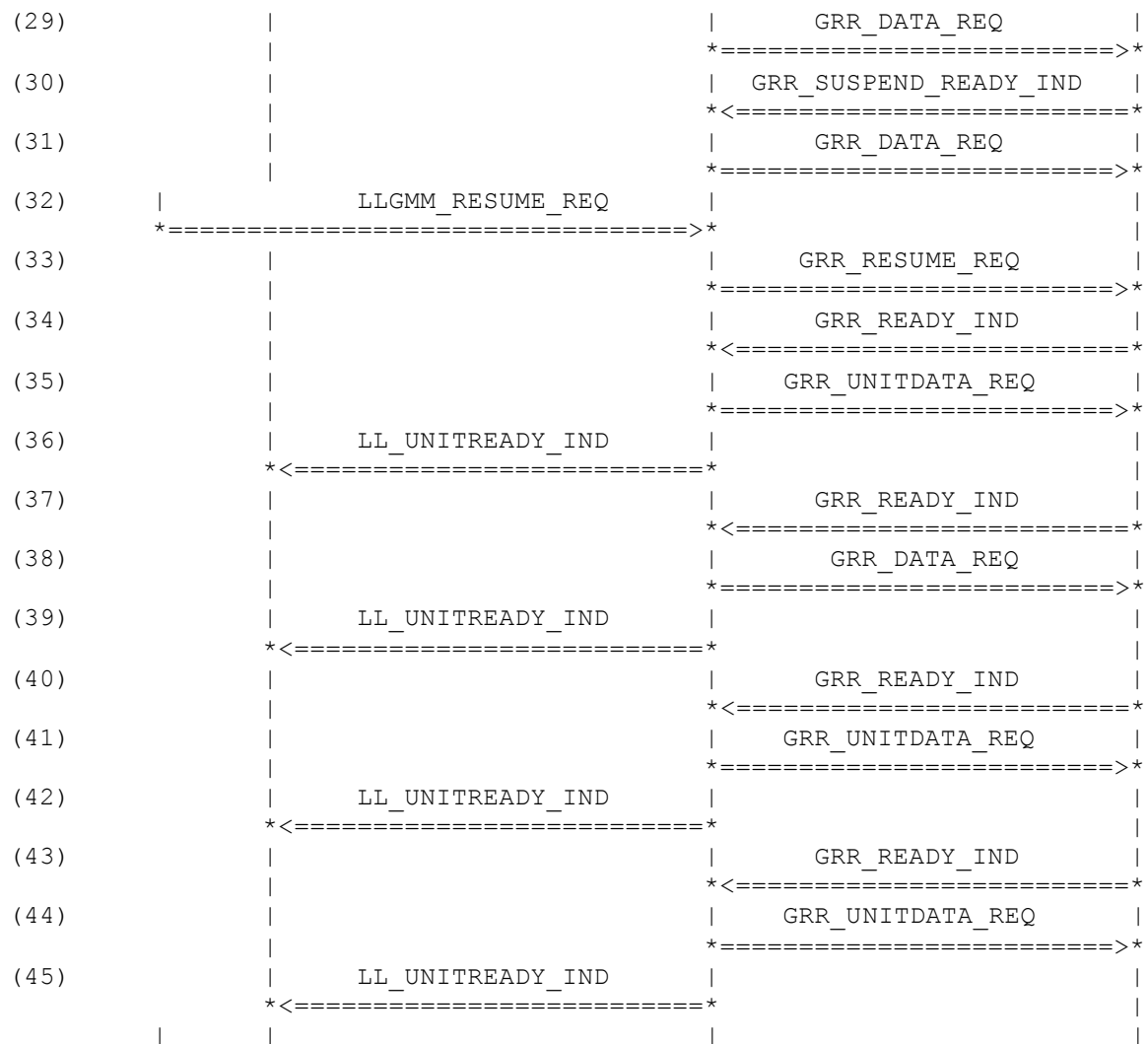
## Description:

LLC receives data (100 octets) for unacknowledged transmission on every SAPI. RLC/MAC is not ready to receive data. RLC/MAC indicates ready and LLC sends data on SAPIs 1 and 3 before GMM suspends LLC. LLC receives six requests for unacknowledged data transmission on SAPI 1 from GMM. RLC/MAC already indicated ready, so the first frame is sent. RLC/MAC indicates ready and LLC is able to send all requested data for SAPI 1. GMM resumes LLC, and RLC/MAC indicates ready. LLC sends the buffered frames on SAPIs 5, 7, 9, and 11.

## Preamble:

LLC001

|                | GMM | L3                | LLC                   | RLC/MAC |
|----------------|-----|-------------------|-----------------------|---------|
| (1)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (2)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (3)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (4)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (5)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (6)            |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (7)            |     |                   | GRR_READY_IND         |         |
|                |     |                   | *<=====*              |         |
| (8)            |     |                   | GRR_DATA_REQ          |         |
|                |     |                   | *=====>*              |         |
| (9)            |     |                   | GRR_READY_IND         |         |
|                |     |                   | *<=====*              |         |
| (10)           |     |                   | GRR_UNITDATA_REQ      |         |
|                |     |                   | *=====>*              |         |
| (11)           |     | LL_UNITREADY_IND  |                       |         |
|                |     | *<=====*          |                       |         |
| (12)           |     | LLGMM_SUSPEND_REQ |                       |         |
|                |     | *=====>*          |                       |         |
| (13)           |     |                   | GRR_SUSPEND_REQ       |         |
|                |     |                   | *=====>*              |         |
| (14)           |     |                   | GRR_SUSPEND_READY_IND |         |
|                |     |                   | *<=====*              |         |
| TIMEOUT (1000) |     |                   |                       |         |
| (15)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (16)           |     |                   | GRR_DATA_REQ          |         |
|                |     |                   | *=====>*              |         |
| (17)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (18)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (19)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (20)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (21)           |     | LL_UNITDATA_REQ   |                       |         |
|                |     | *=====>*          |                       |         |
| (22)           |     |                   | GRR_SUSPEND_READY_IND |         |
|                |     |                   | *<=====*              |         |
| (23)           |     |                   | GRR_DATA_REQ          |         |
|                |     |                   | *=====>*              |         |
| (24)           |     |                   | GRR_SUSPEND_READY_IND |         |
|                |     |                   | *<=====*              |         |
| (25)           |     |                   | GRR_DATA_REQ          |         |
|                |     |                   | *=====>*              |         |
| (26)           |     |                   | GRR_SUSPEND_READY_IND |         |
|                |     |                   | *<=====*              |         |
| (27)           |     |                   | GRR_DATA_REQ          |         |
|                |     |                   | *=====>*              |         |
| (28)           |     |                   | GRR_SUSPEND_READY_IND |         |
|                |     |                   | *<=====*              |         |

**Parametrization:**

| Primitive           | Parameter              | Value               |
|---------------------|------------------------|---------------------|
| (1) LL_UNITDATA_REQ | sapi                   | LL_SAPI_1           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                     | radio_prio             | LL_RADIO_PRIO_1     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
| (2) LL_UNITDATA_REQ | sdu                    | LLREQ_SDU100        |
|                     | sapi                   | LL_SAPI_3           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |



|                     |                        |                     |
|---------------------|------------------------|---------------------|
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (3) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_5           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (4) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_7           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (5) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_9           |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (6) LL_UNITDATA_REQ |                        |                     |
|                     | sapi                   | LL_SAPI_11          |
|                     | tlli                   | TLLI_LOCAL_1        |
|                     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                     | radio_prio             | LL_RADIO_PRIO_3     |
|                     | cipher                 | LL_CIPHER_OFF       |
|                     | reserved_unitdata_req1 | NOT_USED            |
|                     | seg_pos                | NOT_USED            |
|                     | attached_counter       | LLC_NO_ATTACHE      |
|                     | reserved_unitdata_req4 | NOT_USED            |
|                     | reserved_unitdata_req5 | NOT_USED            |
|                     | sdu                    | LLREQ_SDU100        |
| (7) GRR_READY_IND   |                        |                     |

## (8) GRR\_DATA\_REQ

|                   |                               |
|-------------------|-------------------------------|
| sapi              | LL_SAPI_1                     |
| tlli              | TLLI_LOCAL_1                  |
| grr_qos           | GRRREQ_QOS_PEAKESSUB          |
| radio_prio        | LL_RADIO_PRIO_1               |
| cause             | GRR_DTACS_MOBILITY_MANAGEMENT |
| reserved_data_req | NOT_USED                      |
| sdu               | GRRREQ_SDU100_SAPI1_PM        |

## (9) GRR\_READY\_IND

## (10) GRR\_UNITDATA\_REQ

|                        |                      |
|------------------------|----------------------|
| sapi                   | LL_SAPI_3            |
| tlli                   | TLLI_LOCAL_1         |
| grr_qos                | GRRREQ_QOS_PEAKESSUB |
| radio_prio             | LL_RADIO_PRIO_3      |
| reserved_unitdata_req1 | NOT_USED             |
| reserved_unitdata_req2 | NOT_USED             |
| sdu                    | GRRREQ_SDU100_SAPI3  |

## (11) LL\_UNITREADY\_IND

|      |                 |
|------|-----------------|
| sapi | LL_SAPI_3       |
| tlli | LL_TLLI_INVALID |

## (12) LLGMM\_SUSPEND\_REQ

|            |           |
|------------|-----------|
| susp_cause | LLGMM_RAU |
|------------|-----------|

## (13) GRR\_SUSPEND\_REQ

## (14) GRR\_SUSPEND\_READY\_IND

## (15) LL\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_1           |
| tlli                   | TLLI_LOCAL_1        |
| ll_qos                 | LLREQ_QOS_DEL4_REL3 |
| radio_prio             | LL_RADIO_PRIO_1     |
| cipher                 | LL_CIPHER_OFF       |
| reserved_unitdata_req1 | NOT_USED            |
| seg_pos                | NOT_USED            |
| attached_counter       | LLC_NO_ATTACHE      |
| reserved_unitdata_req4 | NOT_USED            |
| reserved_unitdata_req5 | NOT_USED            |
| sdu                    | LLREQ_SDU100        |

## (16) GRR\_DATA\_REQ

|                   |                               |
|-------------------|-------------------------------|
| sapi              | LL_SAPI_1                     |
| tlli              | TLLI_LOCAL_1                  |
| grr_qos           | GRRREQ_QOS_PEAKESSUB          |
| radio_prio        | LL_RADIO_PRIO_1               |
| cause             | GRR_DTACS_MOBILITY_MANAGEMENT |
| reserved_data_req | NOT_USED                      |
| sdu               | GRRREQ_SDU100_SAPI1_NU1_PM    |

## (17) LL\_UNITDATA\_REQ

|                        |                     |
|------------------------|---------------------|
| sapi                   | LL_SAPI_1           |
| tlli                   | TLLI_LOCAL_1        |
| ll_qos                 | LLREQ_QOS_DEL4_REL3 |
| radio_prio             | LL_RADIO_PRIO_1     |
| cipher                 | LL_CIPHER_OFF       |
| reserved_unitdata_req1 | NOT_USED            |
| seg_pos                | NOT_USED            |
| attached_counter       | LLC_NO_ATTACHE      |

|                            |                        |                     |
|----------------------------|------------------------|---------------------|
|                            | reserved_unitdata_req4 | NOT_USED            |
|                            | reserved_unitdata_req5 | NOT_USED            |
|                            | sdu                    | LLREQ_SDU100        |
| (18) LL_UNITDATA_REQ       |                        |                     |
|                            | sapi                   | LL_SAPI_1           |
|                            | tlli                   | TLLI_LOCAL_1        |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                            | radio_prio             | LL_RADIO_PRIO_1     |
|                            | cipher                 | LL_CIPHER_OFF       |
|                            | reserved_unitdata_req1 | NOT_USED            |
|                            | seg_pos                | NOT_USED            |
|                            | attached_counter       | LLC_NO_ATTACHE      |
|                            | reserved_unitdata_req4 | NOT_USED            |
|                            | reserved_unitdata_req5 | NOT_USED            |
|                            | sdu                    | LLREQ_SDU100        |
| (19) LL_UNITDATA_REQ       |                        |                     |
|                            | sapi                   | LL_SAPI_1           |
|                            | tlli                   | TLLI_LOCAL_1        |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                            | radio_prio             | LL_RADIO_PRIO_1     |
|                            | cipher                 | LL_CIPHER_OFF       |
|                            | reserved_unitdata_req1 | NOT_USED            |
|                            | seg_pos                | NOT_USED            |
|                            | attached_counter       | LLC_NO_ATTACHE      |
|                            | reserved_unitdata_req4 | NOT_USED            |
|                            | reserved_unitdata_req5 | NOT_USED            |
|                            | sdu                    | LLREQ_SDU100        |
| (20) LL_UNITDATA_REQ       |                        |                     |
|                            | sapi                   | LL_SAPI_1           |
|                            | tlli                   | TLLI_LOCAL_1        |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                            | radio_prio             | LL_RADIO_PRIO_1     |
|                            | cipher                 | LL_CIPHER_OFF       |
|                            | reserved_unitdata_req1 | NOT_USED            |
|                            | seg_pos                | NOT_USED            |
|                            | attached_counter       | LLC_NO_ATTACHE      |
|                            | reserved_unitdata_req4 | NOT_USED            |
|                            | reserved_unitdata_req5 | NOT_USED            |
|                            | sdu                    | LLREQ_SDU100        |
| (21) LL_UNITDATA_REQ       |                        |                     |
|                            | sapi                   | LL_SAPI_1           |
|                            | tlli                   | TLLI_LOCAL_1        |
|                            | ll_qos                 | LLREQ_QOS_DEL4_REL3 |
|                            | radio_prio             | LL_RADIO_PRIO_1     |
|                            | cipher                 | LL_CIPHER_OFF       |
|                            | reserved_unitdata_req1 | NOT_USED            |
|                            | seg_pos                | NOT_USED            |
|                            | attached_counter       | LLC_NO_ATTACHE      |
|                            | reserved_unitdata_req4 | NOT_USED            |
|                            | reserved_unitdata_req5 | NOT_USED            |
|                            | sdu                    | LLREQ_SDU100        |
| (22) GRR_SUSPEND_READY_IND |                        |                     |
| (23) GRR_DATA_REQ          |                        |                     |
|                            | sapi                   | LL_SAPI_1           |
|                            | tlli                   | TLLI_LOCAL_1        |

|                            |  |   |
|----------------------------|--|---|
|                            | grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                                       | GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_NU2_PM                              |
| (24) GRR_SUSPEND_READY_IND |  |   |
| (25) GRR_DATA_REQ          | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_NU3_PM |
| (26) GRR_SUSPEND_READY_IND |  |   |
| (27) GRR_DATA_REQ          | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_NU4_PM |
| (28) GRR_SUSPEND_READY_IND |  |   |
| (29) GRR_DATA_REQ          | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_NU5_PM |
| (30) GRR_SUSPEND_READY_IND |  |   |
| (31) GRR_DATA_REQ          | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_1<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_1<br>GRR_DTACS_MOBILITY_MANAGEMENT<br>NOT_USED<br>GRRREQ_SDU100_SAPI1_NU6_PM |
| (32) LLGMM_RESUME_REQ      |  |   |
| (33) GRR_RESUME_REQ        |  |   |
| (34) GRR_READY_IND         |  |   |
| (35) GRR_UNITDATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI5                             |

|                       |  |   |
|-----------------------|--|---|
| (36) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (37) GRR_READY_IND    |  |   |
| (38) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                       | LL_SAPI_7<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>LL_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRREQ_SDU100_SAPI7_PM |
| (39) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (40) GRR_READY_IND    |  |   |
| (41) GRR_UNITDATA_REQ | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI9         |
| (42) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (43) GRR_READY_IND    |  |   |
| (44) GRR_UNITDATA_REQ | sapi<br>tlli<br>grr_qos<br>radio_prio<br>reserved_unitdata_req1<br>reserved_unitdata_req2<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>GRRREQ_SDU100_SAPI11       |
| (45) LL_UNITREADY_IND | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-May-2000 | DB | Initial                             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 12-Sep-2001 | GS | Use GRR_DATA_REQ in case of SAPI 7  |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed          |
| 18-Oct-2001 | GS | Suspension cause added              |
| 30-Jan-2002 | GS | GRR suspend / resume handling added |

**3.14.3 LLC602: Receipt of several frames for different SAPIs while LLC is suspendend/resumed**

## Description:

LLC receives unacknowledged data (100 octets) on every SAPI from RLC/MAC. Layer 3 already indicated that it is ready to receive data. LLC sends the received data to Layer 3, while GMM suspends LLC, requests an unacknowledged frame transmission on SAPI 1, and resumes LLC.. RLC/MAC indicates ready and LLC is able to send the requested data for SAPI 1, while the reception of frames continues.

## Preamble:

LLC001

|      | GMM | L3                 | LLC                   | RLC/MAC |
|------|-----|--------------------|-----------------------|---------|
| (1)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (2)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (3)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (4)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (5)  |     | LL_GETUNITDATA_REQ |                       |         |
|      |     | *=====>*           |                       |         |
| (6)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (7)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (8)  |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (9)  |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (10) |     | LLGMM_SUSPEND_REQ  |                       |         |
|      |     | *=====>*           |                       |         |
| (11) |     |                    | GRR_SUSPEND_REQ       |         |
|      |     |                    | *=====>*              |         |
| (12) |     | LL_UNITDATA_REQ    |                       |         |
|      |     | *=====>*           |                       |         |
| (13) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (14) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (15) |     |                    | GRR_SUSPEND_READY_IND |         |
|      |     |                    | *<=====*              |         |
| (16) |     |                    | GRR_DATA_REQ          |         |
|      |     |                    | *=====>*              |         |
| (17) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (18) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (19) |     | LLGMM_RESUME_REQ   |                       |         |
|      |     | *=====>*           |                       |         |
| (20) |     |                    | GRR_RESUME_REQ        |         |
|      |     |                    | *=====>*              |         |
| (21) |     |                    | GRR_READY_IND         |         |
|      |     |                    | *<=====*              |         |
| (22) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (23) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
| (24) |     |                    | GRR_UNITDATA_IND_TEST |         |
|      |     |                    | *<=====*              |         |
| (25) |     | LL_UNITDATA_IND    |                       |         |
|      |     | *<=====*           |                       |         |
|      |     |                    |                       |         |

**Parametrization:**

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                           |   |  |
|---------------------------|---|--|
| (1) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (2) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (3) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_7<br>TLLI_LOCAL_1  |
| (4) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_9<br>TLLI_LOCAL_1  |
| (5) LL_GETUNITDATA_REQ    | sapi<br>tlli  | LL_SAPI_11<br>TLLI_LOCAL_1   |
| (6) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI1   |
| (7) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_1<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI1 |
| (8) GRR_UNITDATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_DESCLIST100_SAPI3   |
| (9) LL_UNITDATA_IND       | sapi<br>tlli<br>reserved_unitdata_ind1<br>reserved_unitdata_ind2<br>reserved_unitdata_ind3<br>reserved_unitdata_ind4<br>reserved_unitdata_ind5<br>cipher<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LL_CIPHER_OFF<br>LLIND_SDU100_SAPI3 |
| (10) LLGMM_SUSPEND_REQ    | susp_cause  | LLGMM_RAU  |
| (11) GRR_SUSPEND_REQ      |   |  |
| (12) LL_UNITDATA_REQ      | sapi<br>tlli<br>ll_qos<br>radio_prio<br>cipher<br>reserved_unitdata_req1<br>seg_pos   | LL_SAPI_1<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL3<br>LL_RADIO_PRIO_1<br>LL_CIPHER_OFF<br>NOT_USED<br>NOT_USED                 |



|                            |                        |                               |
|----------------------------|------------------------|-------------------------------|
|                            | attached_counter       | LLC_NO_ATTACHE                |
|                            | reserved_unitdata_req4 | NOT_USED                      |
|                            | reserved_unitdata_req5 | NOT_USED                      |
|                            | sdu                    | LLREQ_SDU100                  |
| (13) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI5      |
| (14) LL_UNITDATA_IND       |                        |                               |
|                            | sapi                   | LL_SAPI_5                     |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
|                            | sdu                    | LLIND_SDU100_SAPI5            |
| (15) GRR_SUSPEND_READY_IND |                        |                               |
| (16) GRR_DATA_REQ          |                        |                               |
|                            | sapi                   | LL_SAPI_1                     |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | grr_qos                | GRRREQ_QOS_PEAKSUB            |
|                            | radio_prio             | LL_RADIO_PRIO_1               |
|                            | cause                  | GRR_DTACS_MOBILITY_MANAGEMENT |
|                            | reserved_data_req      | NOT_USED                      |
|                            | sdu                    | GRRREQ_SDU100_SAPI1_PM        |
| (17) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI7      |
| (18) LL_UNITDATA_IND       |                        |                               |
|                            | sapi                   | LL_SAPI_7                     |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |
|                            | reserved_unitdata_ind5 | NOT_USED                      |
|                            | cipher                 | LL_CIPHER_OFF                 |
|                            | sdu                    | LLIND_SDU100_SAPI7            |
| (19) LLGMM_RESUME_REQ      |                        |                               |
| (20) GRR_RESUME_REQ        |                        |                               |
| (21) GRR_READY_IND         |                        |                               |
| (22) GRR_UNITDATA_IND_TEST |                        |                               |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI9      |
| (23) LL_UNITDATA_IND       |                        |                               |
|                            | sapi                   | LL_SAPI_9                     |
|                            | tlfi                   | TLLI_LOCAL_1                  |
|                            | reserved_unitdata_ind1 | NOT_USED                      |
|                            | reserved_unitdata_ind2 | NOT_USED                      |
|                            | reserved_unitdata_ind3 | NOT_USED                      |
|                            | reserved_unitdata_ind4 | NOT_USED                      |

|                            |                        |                           |
|----------------------------|------------------------|---------------------------|
|                            | reserved_unitdata_ind5 | NOT_USED                  |
|                            | cipher                 | LL_CIPHER_OFF             |
|                            | sdu                    | LLIND_SDU100_SAPI9        |
| (24) GRR_UNITDATA_IND_TEST |                        |                           |
|                            | tlli                   | TLLI_LOCAL_1              |
|                            | sdu                    | GRRIND_DESCLIST100_SAPI11 |
| (25) LL_UNITDATA_IND       |                        |                           |
|                            | sapi                   | LL_SAPI_11                |
|                            | tlli                   | TLLI_LOCAL_1              |
|                            | reserved_unitdata_ind1 | NOT_USED                  |
|                            | reserved_unitdata_ind2 | NOT_USED                  |
|                            | reserved_unitdata_ind3 | NOT_USED                  |
|                            | reserved_unitdata_ind4 | NOT_USED                  |
|                            | reserved_unitdata_ind5 | NOT_USED                  |
|                            | cipher                 | LL_CIPHER_OFF             |
|                            | sdu                    | LLIND_SDU100_SAPI11       |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-May-2000 | DB | Initial                             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 14-Sep-2001 | GS | GRR_DATA_REQ cause changed          |
| 18-Oct-2001 | GS | Suspension cause added              |
| 30-Jan-2002 | GS | GRR suspend/resume handling added   |

**3.14.4 LLC605: LLC suspended due to a call, unacknowledged frame transmission requested, LLC resumed, send buffered frame**

## Description:

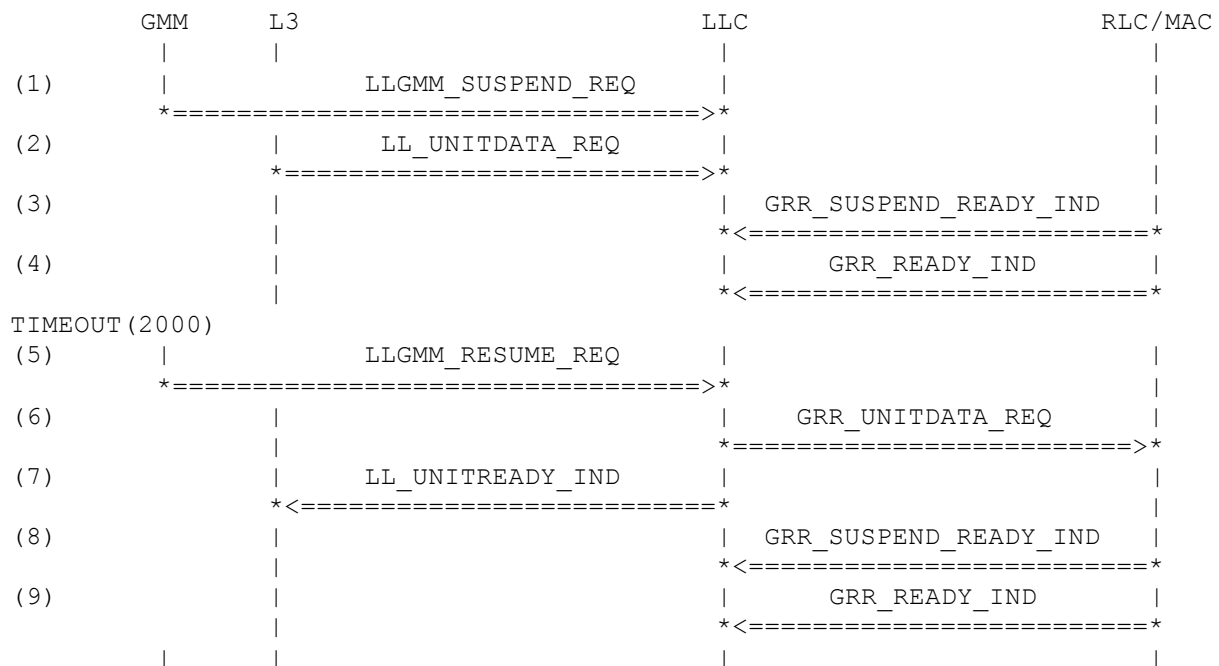
LLC is being suspended by GMM. LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. RLC/MAC indicates a suspend ready and a normal which both is ignored. GMM resumes LLC. GRR sends an additional suspend ready, which is also ignored. After receiving a normal ready from GRR LLC sends the buffered UI frame containing the layer 3 data.

## Preamble:

LLC001

## Variants:

<A>....<D>

**Parametrization:**

| Primitive                 | Parameter              | Value               |
|---------------------------|------------------------|---------------------|
| (1) LLGMM_SUSPEND_REQ     |                        |                     |
| <A>                       | susp_cause             | LLGMM_CALL          |
| <B>                       | susp_cause             | LLGMM_CALL          |
| <C>                       | susp_cause             | LLGMM_CALL          |
| <D>                       | susp_cause             | LLGMM_CALL          |
| (2) LL_UNITDATA_REQ       |                        |                     |
| <A>                       | sapi                   | LL_SAPI_3           |
| <B>                       | sapi                   | LL_SAPI_5           |
| <C>                       | sapi                   | LL_SAPI_9           |
| <D>                       | sapi                   | LL_SAPI_11          |
|                           | tlli                   | TLLI_LOCAL_1        |
|                           | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                           | radio_prio             | LL_RADIO_PRIO_3     |
|                           | cipher                 | LL_CIPHER_OFF       |
|                           | reserved_unitdata_req1 | NOT_USED            |
|                           | seg_pos                | NOT_USED            |
|                           | attached_counter       | LLC_NO_ATTACHE      |
|                           | reserved_unitdata_req4 | NOT_USED            |
|                           | reserved_unitdata_req5 | NOT_USED            |
|                           | sdu                    | LLREQ_SDU100        |
| (3) GRR_SUSPEND_READY_IND |                        |                     |
| (4) GRR_READY_IND         |                        |                     |
| (5) LLGMM_RESUME_REQ      |                        |                     |
| (6) GRR_UNITDATA_REQ      |                        |                     |
| <A>                       | sapi                   | LL_SAPI_3           |
| <B>                       | sapi                   | LL_SAPI_5           |
| <C>                       | sapi                   | LL_SAPI_9           |
| <D>                       | sapi                   | LL_SAPI_11          |
|                           | tlli                   | TLLI_LOCAL_1        |

|                           |                        |                      |
|---------------------------|------------------------|----------------------|
|                           | grr_qos                | GRRREQ_QOS_PEAKSUB   |
|                           | radio_prio             | LL_RADIO_PRIO_3      |
|                           | reserved_unitdata_req1 | NOT_USED             |
|                           | reserved_unitdata_req2 | NOT_USED             |
| <A>                       | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B>                       | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C>                       | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D>                       | sdu                    | GRRREQ_SDU100_SAPI11 |
| (7) LL_UNITREADY_IND      |                        |                      |
| <A>                       | sapi                   | LL_SAPI_3            |
| <B>                       | sapi                   | LL_SAPI_5            |
| <C>                       | sapi                   | LL_SAPI_9            |
| <D>                       | sapi                   | LL_SAPI_11           |
|                           | tlli                   | LL_TLLI_INVALID      |
| (8) GRR_SUSPEND_READY_IND |                        |                      |
| (9) GRR_READY_IND         |                        |                      |
| History:                  |                        |                      |
|                           | 22-Mar-2002            | GS Initial           |

### 3.14.5 LLC606: LLC suspended tree times (call, rau, call), unacknowledged frame transmission requested, LLC resumed, send buffered frame

#### Description:

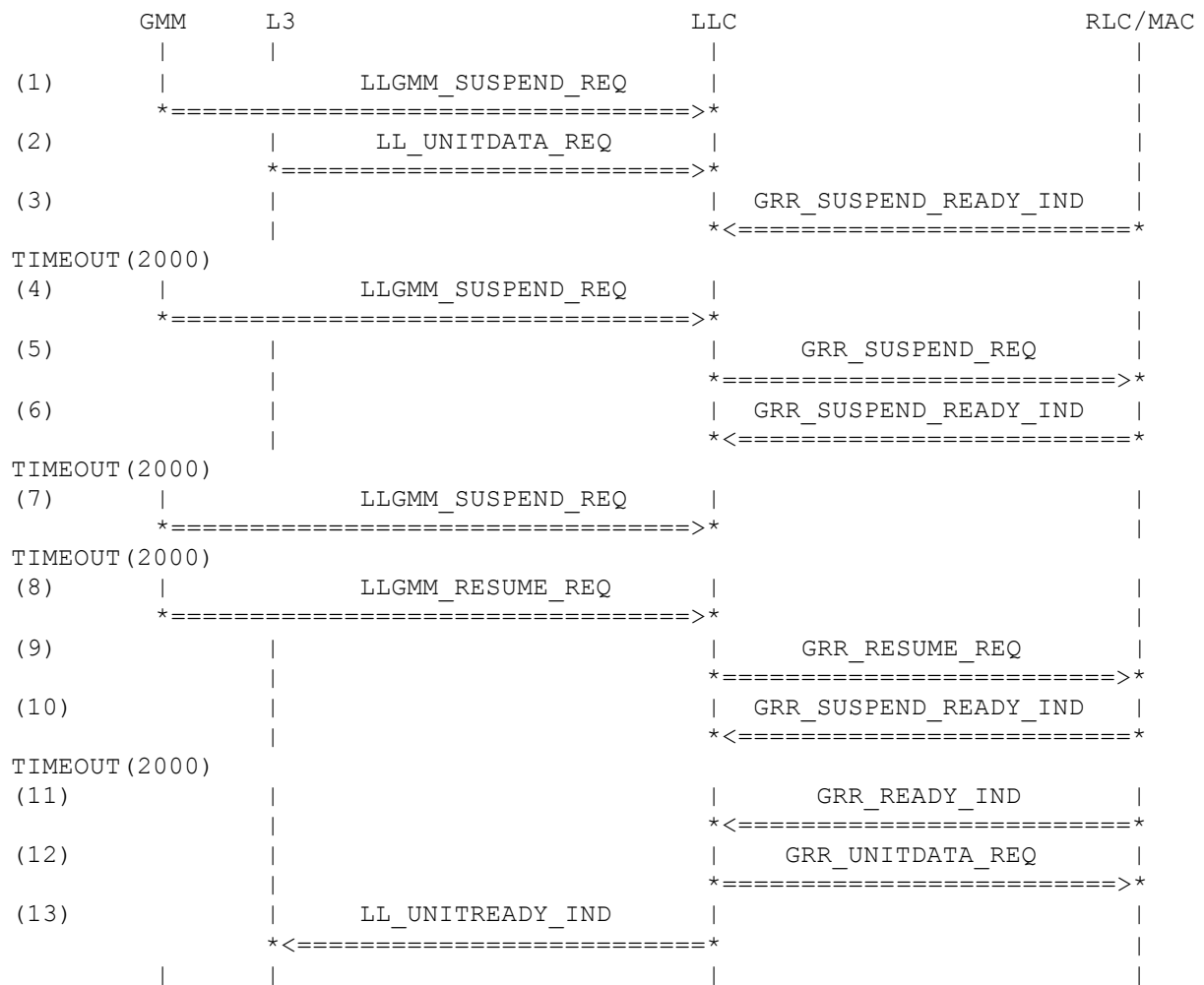
LLC is being suspended by GMM due to a call. LLC receives data (100 octets) for unacknowledged transmission. RLC/MAC is not ready to receive data, so the frame is buffered. RLC/MAC indicates a suspend ready, which is ignored. GMM sends an additional suspend, this due to RAU. LLC forwards the suspend to GRR. GMM sends a third suspend, this due to a call again. This is ignored. After receiving a resume from GMM LLC resumes GRR and sends the buffered UI frame containing the layer 3 data after receiving a normal redy indication.

#### Preamble:

LLC001

#### Variants:

<A>....<D>

**Parametrization:**

| Primitive                 | Parameter              | Value               |
|---------------------------|------------------------|---------------------|
| (1) LLGMM_SUSPEND_REQ     | susp_cause             | LLGMM_CALL          |
| (2) LL_UNITDATA_REQ       | sapi                   | LL_SAPI_3           |
| <A>                       | sapi                   | LL_SAPI_5           |
| <B>                       | sapi                   | LL_SAPI_9           |
| <C>                       | sapi                   | LL_SAPI_11          |
| <D>                       | tlli                   | TLLI_LOCAL_1        |
|                           | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                           | radio_prio             | LL_RADIO_PRIO_3     |
|                           | cipher                 | LL_CIPHER_OFF       |
|                           | reserved_unitdata_req1 | NOT_USED            |
|                           | seg_pos                | NOT_USED            |
|                           | attached_counter       | LLC_NO_ATTACHE      |
|                           | reserved_unitdata_req4 | NOT_USED            |
|                           | reserved_unitdata_req5 | NOT_USED            |
|                           | sdu                    | LLREQ_SDU100        |
| (3) GRR_SUSPEND_READY_IND |                        |                     |

|                            |                        |                      |
|----------------------------|------------------------|----------------------|
| (4) LLGMM_SUSPEND_REQ      |                        |                      |
| <A>                        | susp_cause             | LLGMM_RAU            |
| <B>                        | susp_cause             | LLGMM_RAU            |
| <C>                        | susp_cause             | LLGMM_RAU            |
| <D>                        | susp_cause             | LLGMM_RAU            |
| (5) GRR_SUSPEND_REQ        |                        |                      |
| (6) GRR_SUSPEND_READY_IND  |                        |                      |
| (7) LLGMM_SUSPEND_REQ      |                        |                      |
|                            | susp_cause             | LLGMM_CALL           |
| (8) LLGMM_RESUME_REQ       |                        |                      |
| (9) GRR_RESUME_REQ         |                        |                      |
| (10) GRR_SUSPEND_READY_IND |                        |                      |
| (11) GRR_READY_IND         |                        |                      |
| (12) GRR_UNITDATA_REQ      |                        |                      |
| <A>                        | sapi                   | LL_SAPI_3            |
| <B>                        | sapi                   | LL_SAPI_5            |
| <C>                        | sapi                   | LL_SAPI_9            |
| <D>                        | sapi                   | LL_SAPI_11           |
|                            | tlli                   | TLLI_LOCAL_1         |
|                            | grr_qos                | GRRREQ_QOS_PEAKSUB   |
|                            | radio_prio             | LL_RADIO_PRIO_3      |
|                            | reserved_unitdata_req1 | NOT_USED             |
|                            | reserved_unitdata_req2 | NOT_USED             |
| <A>                        | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B>                        | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C>                        | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D>                        | sdu                    | GRRREQ_SDU100_SAPI11 |
| (13) LL_UNITREADY_IND      |                        |                      |
| <A>                        | sapi                   | LL_SAPI_3            |
| <B>                        | sapi                   | LL_SAPI_5            |
| <C>                        | sapi                   | LL_SAPI_9            |
| <D>                        | sapi                   | LL_SAPI_11           |
|                            | tlli                   | LL_TLLI_INVALID      |

History:

22-Mar-2002

GS

Initial

### 3.14.6 LLC607: LLC suspended due to RAU, unacknowledged frame transmission requested, LLC un assigned and then assigned, send buffered frame

Description:

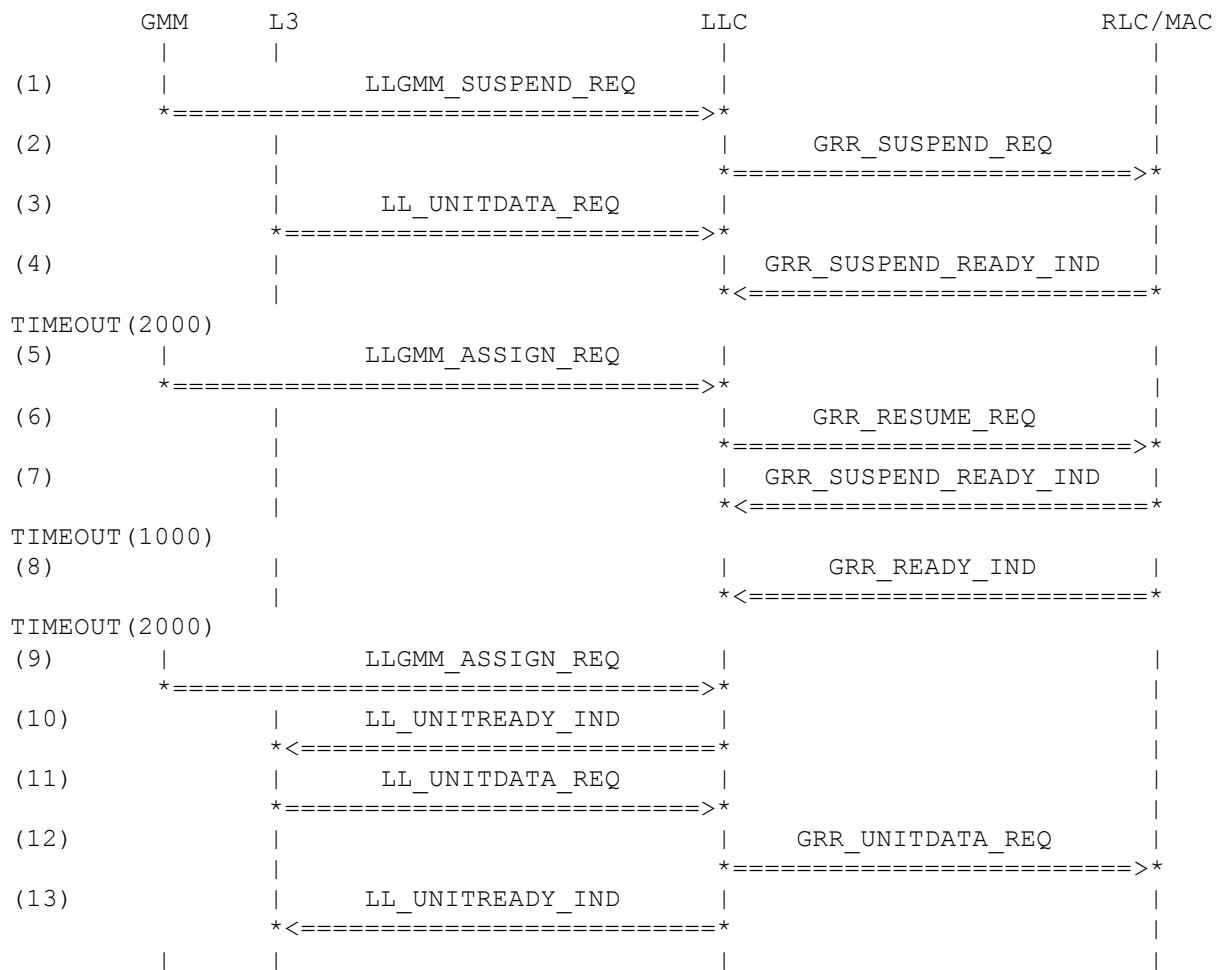
LLC is being suspended by GMM due to RAU. LLC receives data (100 octets) for unacknowledged transmission. GMM unassigns LLC. and therefore LLC resumes GRR. After new assignment LLC receives new data for transmission and sends the buffered UI frame containing the layer 3 data. This shows, that the flow control is not reset in unassigned state.

Preamble:

LLC001

Variants:

&lt;A&gt;....&lt;D&gt;

**Parametrization:**

| Primitive             | Parameter              | Value               |
|-----------------------|------------------------|---------------------|
| (1) LLGMM_SUSPEND_REQ |                        |                     |
| <A>                   | susp_cause             | LLGMM_RAU           |
| <B>                   | susp_cause             | LLGMM_RAU           |
| <C>                   | susp_cause             | LLGMM_RAU           |
| <D>                   | susp_cause             | LLGMM_RAU           |
| (2) GRR_SUSPEND_REQ   |                        |                     |
| (3) LL_UNITDATA_REQ   |                        |                     |
| <A>                   | sapi                   | LL_SAPI_3           |
| <B>                   | sapi                   | LL_SAPI_5           |
| <C>                   | sapi                   | LL_SAPI_9           |
| <D>                   | sapi                   | LL_SAPI_11          |
|                       | tlli                   | TLLI_LOCAL_1        |
|                       | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|                       | radio_prio             | LL_RADIO_PRIO_3     |
|                       | cipher                 | LL_CIPHER_OFF       |
|                       | reserved_unitdata_req1 | NOT_USED            |
|                       | seg_pos                | NOT_USED            |
|                       | attached_counter       | LLC_NO_ATTACHE      |
|                       | reserved_unitdata_req4 | NOT_USED            |
|                       | reserved_unitdata_req5 | NOT_USED            |
|                       | sdu                    | LLREQ_SDU100        |

(4) GRR\_SUSPEND\_READY\_IND

(5) LLGMM\_ASSIGN\_REQ

|                     |                           |
|---------------------|---------------------------|
| old_tlli            | TLLI_LOCAL_1              |
| new_tlli            | LLGMM_TLLI_INVALID        |
| llgmm_kc            | LLGMM_KC_NULL             |
| ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |

(6) GRR\_RESUME\_REQ

(7) GRR\_SUSPEND\_READY\_IND

(8) GRR\_READY\_IND

(9) LLGMM\_ASSIGN\_REQ

|                     |                           |
|---------------------|---------------------------|
| old_tlli            | LLGMM_TLLI_INVALID        |
| new_tlli            | TLLI_LOCAL_1              |
| llgmm_kc            | LLGMM_KC_NULL             |
| ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |

(10) LL\_UNITREADY\_IND

|     |      |                 |
|-----|------|-----------------|
| <A> | sapi | LL_SAPI_3       |
| <B> | sapi | LL_SAPI_5       |
| <C> | sapi | LL_SAPI_9       |
| <D> | sapi | LL_SAPI_11      |
|     | tlli | LL_TLLI_INVALID |

(11) LL\_UNITDATA\_REQ

|     |                        |                     |
|-----|------------------------|---------------------|
| <A> | sapi                   | LL_SAPI_3           |
| <B> | sapi                   | LL_SAPI_5           |
| <C> | sapi                   | LL_SAPI_9           |
| <D> | sapi                   | LL_SAPI_11          |
|     | tlli                   | TLLI_LOCAL_1        |
|     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|     | radio_prio             | LL_RADIO_PRIO_3     |
|     | cipher                 | LL_CIPHER_OFF       |
|     | reserved_unitdata_req1 | NOT_USED            |
|     | seg_pos                | NOT_USED            |
|     | attached_counter       | LLC_NO_ATTACHE      |
|     | reserved_unitdata_req4 | NOT_USED            |
|     | reserved_unitdata_req5 | NOT_USED            |
|     | sdu                    | LLREQ_SDU100        |

(12) GRR\_UNITDATA\_REQ

|     |                        |                      |
|-----|------------------------|----------------------|
| <A> | sapi                   | LL_SAPI_3            |
| <B> | sapi                   | LL_SAPI_5            |
| <C> | sapi                   | LL_SAPI_9            |
| <D> | sapi                   | LL_SAPI_11           |
|     | tlli                   | TLLI_LOCAL_1         |
|     | grr_qos                | GRRREQ_QOS_PEAKSUB   |
|     | radio_prio             | LL_RADIO_PRIO_3      |
|     | reserved_unitdata_req1 | NOT_USED             |
|     | reserved_unitdata_req2 | NOT_USED             |
| <A> | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B> | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C> | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D> | sdu                    | GRRREQ_SDU100_SAPI11 |

(13) LL\_UNITREADY\_IND

|     |      |           |
|-----|------|-----------|
| <A> | sapi | LL_SAPI_3 |
| <B> | sapi | LL_SAPI_5 |
| <C> | sapi | LL_SAPI_9 |



&lt;D&gt;

sapi  
tlliLL\_SAPI\_11  
LL\_TLLI\_INVALID

History:

29-May-2000

GS

Initial

**3.14.7 LLC610: LLC suspended, Layer-3 initiated ABM establishment, UA response**

Description:

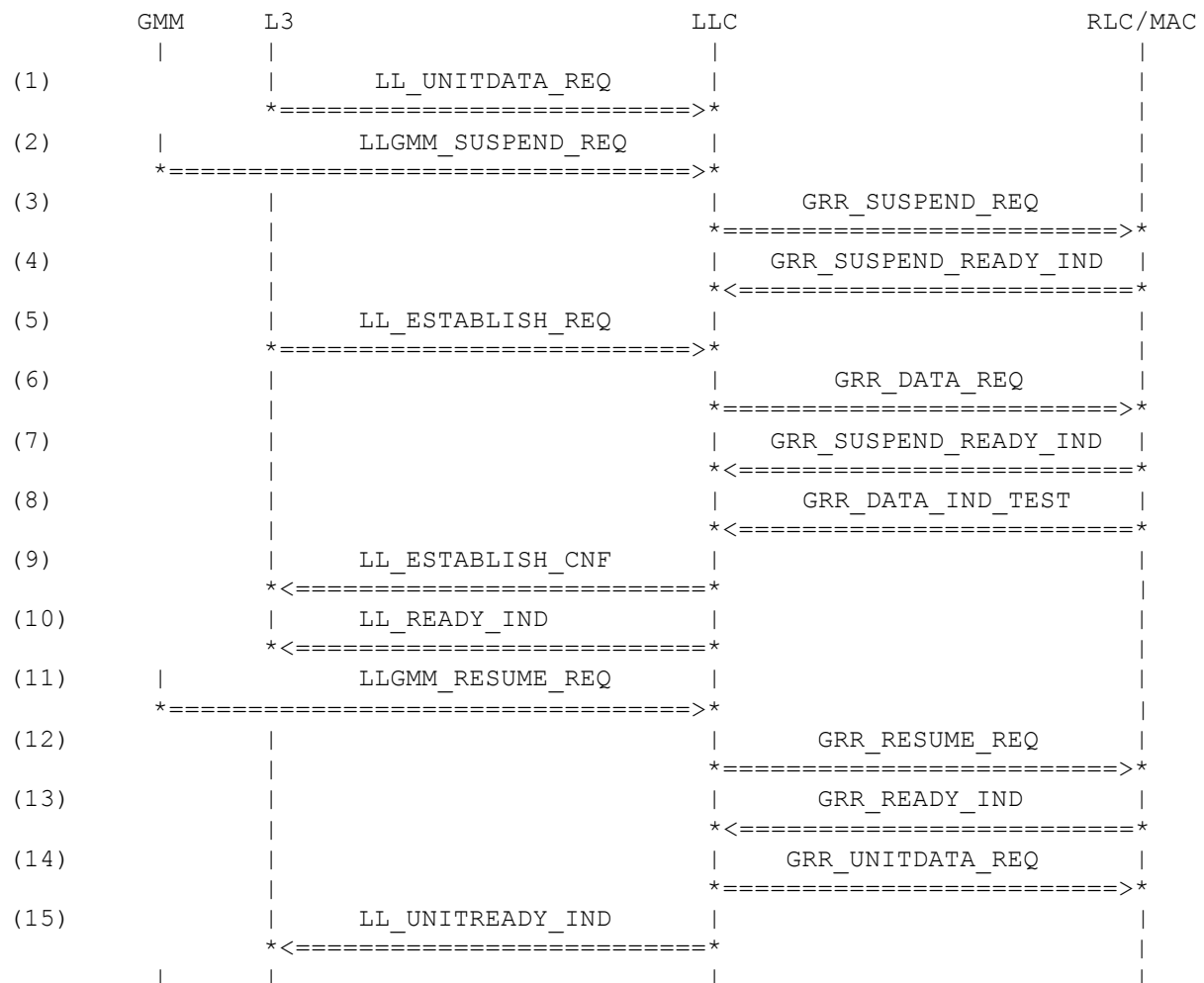
LLC is requested to transmit an unacknowledged frame, RLC/MAC is not ready. GMM suspends LLC. LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA, ABM is established. GMM resumes LLC. RLC/MAC already indicated that it is ready to received data, LLC sends the buffered unacknowledged frame.

Preamble:

LLC001

Variants:

&lt;A&gt;....&lt;D&gt;



Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

## (1) LL\_UNITDATA\_REQ

|     |                        |                     |
|-----|------------------------|---------------------|
| <A> | sapi                   | LL_SAPI_3           |
| <B> | sapi                   | LL_SAPI_5           |
| <C> | sapi                   | LL_SAPI_9           |
| <D> | sapi                   | LL_SAPI_11          |
|     | tlli                   | TLLI_LOCAL_1        |
|     | ll_qos                 | LLREQ_QOS_DEL4_REL5 |
|     | radio_prio             | LL_RADIO_PRIO_3     |
|     | cipher                 | LL_CIPHER_OFF       |
|     | reserved_unitdata_req1 | NOT_USED            |
|     | seg_pos                | NOT_USED            |
|     | attached_counter       | LLC_NO_ATTACHE      |
|     | reserved_unitdata_req4 | NOT_USED            |
|     | reserved_unitdata_req5 | NOT_USED            |
|     | sdu                    | LLREQ_SDU100        |

## (2) LLGMM\_SUSPEND\_REQ

|            |           |
|------------|-----------|
| susp_cause | LLGMM_RAU |
|------------|-----------|

## (3) GRR\_SUSPEND\_REQ

## (4) GRR\_SUSPEND\_READY\_IND

## (5) LL\_ESTABLISH\_REQ

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_9    |
| <D> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |
|     | sdu  | EMPTY_SDU    |

## (6) GRR\_DATA\_REQ

|     |                   |                             |
|-----|-------------------|-----------------------------|
| <A> | sapi              | LL_SAPI_3                   |
| <B> | sapi              | LL_SAPI_5                   |
| <C> | sapi              | LL_SAPI_9                   |
| <D> | sapi              | LL_SAPI_11                  |
|     | tlli              | TLLI_LOCAL_1                |
|     | grr_qos           | GRRREQ_QOS_PEAKSUB          |
|     | radio_prio        | GRR_RADIO_PRIO_1            |
|     | cause             | GRR_DTACS_DEF               |
|     | reserved_data_req | NOT_USED                    |
| <A> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_SABM_EMPTY_L3_XID_SAPI11 |

## (7) GRR\_SUSPEND\_READY\_IND

## (8) GRR\_DATA\_IND\_TEST

|     |      |                              |
|-----|------|------------------------------|
|     | tlli | TLLI_LOCAL_1                 |
| <A> | sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI3  |
| <B> | sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI5  |
| <C> | sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI9  |
| <D> | sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI11 |

## (9) LL\_ESTABLISH\_CNF

|     |        |                  |
|-----|--------|------------------|
| <A> | sapi   | LL_SAPI_3        |
| <B> | sapi   | LL_SAPI_5        |
| <C> | sapi   | LL_SAPI_9        |
| <D> | sapi   | LL_SAPI_11       |
|     | tlli   | TLLI_LOCAL_1     |
| <A> | n201_u | N201_U_DEF_SAPI3 |

|                       |                        |                      |
|-----------------------|------------------------|----------------------|
| <B>                   | n201_u                 | N201_U_DEF_SAPI5     |
| <C>                   | n201_u                 | N201_U_DEF_SAPI9     |
| <D>                   | n201_u                 | N201_U_DEF_SAPI11    |
|                       | n201_i                 | N201_I_DEF           |
|                       | xid_valid              | LL_XID_VALID         |
|                       | sdu                    | EMPTY_SDU            |
| (10) LL_READY_IND     |                        |                      |
| <A>                   | sapi                   | LL_SAPI_3            |
| <B>                   | sapi                   | LL_SAPI_5            |
| <C>                   | sapi                   | LL_SAPI_9            |
| <D>                   | sapi                   | LL_SAPI_11           |
|                       | tlli                   | TLLI_LOCAL_1         |
| (11) LLGMM_RESUME_REQ |                        |                      |
| (12) GRR_RESUME_REQ   |                        |                      |
| (13) GRR_READY_IND    |                        |                      |
| (14) GRR_UNITDATA_REQ |                        |                      |
| <A>                   | sapi                   | LL_SAPI_3            |
| <B>                   | sapi                   | LL_SAPI_5            |
| <C>                   | sapi                   | LL_SAPI_9            |
| <D>                   | sapi                   | LL_SAPI_11           |
|                       | tlli                   | TLLI_LOCAL_1         |
|                       | grr_qos                | GRRREQ_QOS_PEAKSUB   |
|                       | radio_prio             | LL_RADIO_PRIO_3      |
|                       | reserved_unitdata_req1 | NOT_USED             |
|                       | reserved_unitdata_req2 | NOT_USED             |
| <A>                   | sdu                    | GRRREQ_SDU100_SAPI3  |
| <B>                   | sdu                    | GRRREQ_SDU100_SAPI5  |
| <C>                   | sdu                    | GRRREQ_SDU100_SAPI9  |
| <D>                   | sdu                    | GRRREQ_SDU100_SAPI11 |
| (15) LL_UNITREADY_IND |                        |                      |
| <A>                   | sapi                   | LL_SAPI_3            |
| <B>                   | sapi                   | LL_SAPI_5            |
| <C>                   | sapi                   | LL_SAPI_9            |
| <D>                   | sapi                   | LL_SAPI_11           |
|                       | tlli                   | LL_TLLI_INVALID      |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 30-May-2000 | DB | Initial                             |
| 21-Jun-2000 | DB | Modified due to changed LL/GRR SAPs |
| 07-Nov-2000 | GS | LL_READY_IND added                  |
| 11-Oct-2001 | GS | Add empty I3 sdu                    |
| 18-Oct-2001 | GS | Suspension cause added              |
| 30-Jan-2002 | GS | GRR suspend/resume handling added   |

### 3.15 Acknowledged transmission of frames (LLC700-LC799)

#### 3.15.1 LLC700: ABM - L3 data request on SAPI 3 forwarded to GRR after ready indication

## Description:

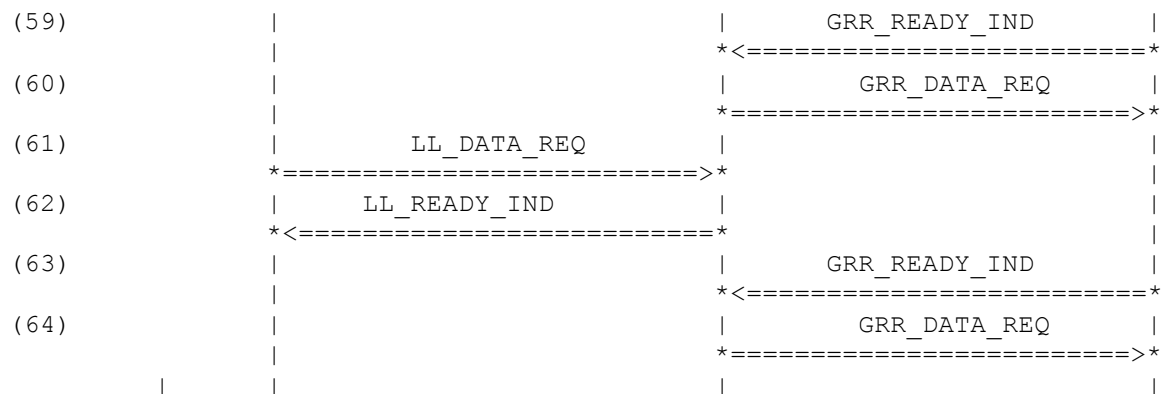
LLC receives data (100 octets) for acknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an I frame to RLC/MAC using the primitive GRR\_DATA\_REQ. This test is only applicable to SAPI3

## Preamble:

LLC400A

|      | GMM | L3           | LLC           | RLC/MAC |
|------|-----|--------------|---------------|---------|
| (1)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (2)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (3)  |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (4)  |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (5)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (6)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (7)  |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (8)  |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (9)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (10) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (11) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (12) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (13) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (14) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (15) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (16) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (17) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (18) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (19) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (20) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (21) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (22) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (23) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (24) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (25) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (26) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (27) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (28) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (29) |     | LL_DATA_REQ  |               |         |

|      |              |               |
|------|--------------|---------------|
|      | *=====>*     |               |
| (30) | LL_READY_IND |               |
|      | *<=====*     |               |
| (31) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (32) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (33) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (34) | LL_READY_IND |               |
|      | *<=====*     |               |
| (35) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (36) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (37) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (38) | LL_READY_IND |               |
|      | *<=====*     |               |
| (39) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (40) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (41) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (42) | LL_READY_IND |               |
|      | *<=====*     |               |
| (43) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (44) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (45) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (46) | LL_READY_IND |               |
|      | *<=====*     |               |
| (47) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (48) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (49) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (50) | LL_READY_IND |               |
|      | *<=====*     |               |
| (51) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (52) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (53) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (54) | LL_READY_IND |               |
|      | *<=====*     |               |
| (55) |              | GRR_READY_IND |
|      |              | *<=====*      |
| (56) |              | GRR_DATA_REQ  |
|      |              | *=====>*      |
| (57) | LL_DATA_REQ  |               |
|      | *=====>*     |               |
| (58) | LL_READY_IND |               |
|      | *<=====*     |               |

**Parametrization:**

| Primitive         | Parameter          | Value                     |
|-------------------|--------------------|---------------------------|
| (1) LL_DATA_REQ   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (2) LL_READY_IND  | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (3) GRR_READY_IND |                    |                           |
| (4) GRR_DATA_REQ  | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKESSUB      |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS0_NR0_SAPI3 |
|                   |                    |                           |
| (5) LL_DATA_REQ   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |

|                    |  |   |
|--------------------|--|---|
| (6) LL_READY_IND   | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (7) GRR_READY_IND  |  |   |
| (8) GRR_DATA_REQ   | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS1_NR0_SAPI3                                   |
| (9) LL_DATA_REQ    | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (10) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (11) GRR_READY_IND |  |   |
| (12) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS2_NR0_A1_SAPI3                                |
| (13) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (14) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (15) GRR_READY_IND |  |   |



## (16) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_3                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKESSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS3_NR0_SAPI3 |

## (17) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU100        |

## (18) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (19) GRR\_READY\_IND

## (20) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_3                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKESSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS4_NR0_SAPI3 |

## (21) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU100        |

## (22) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (23) GRR\_READY\_IND

## (24) GRR\_DATA\_REQ

|            |                      |
|------------|----------------------|
| sapi       | LL_SAPI_3            |
| tlli       | TLLI_LOCAL_1         |
| grr_qos    | GRRREQ_QOS_PEAKESSUB |
| radio_prio | GRR_RADIO_PRIO_3     |
| cause      | GRR_DTACS_DEF        |

|                    |  |   |
|--------------------|--|---|
|                    | reserved_data_req<br>sdu   | NOT_USED<br>GRR_DATAREQ_NS5_NR0_SAPI3   |
| (25) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (26) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (27) GRR_READY_IND |  |   |
| (28) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS6_NR0_A1_SAPI3                                  |
| (29) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (30) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (31) GRR_READY_IND |  |   |
| (32) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS7_NR0_SAPI3                                     |
| (33) LL_DATA_REQ   | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |

|                    |                    |                              |
|--------------------|--------------------|------------------------------|
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                    | radio_prio         | LL_RADIO_PRIO_3              |
|                    | reserved_data_req1 | NOT_USED                     |
|                    | reference1         | NOT_USED                     |
|                    | seg_pos            | NOT_USED                     |
|                    | attached_counter   | LLC_NO_ATTACHE               |
|                    | reserved_data_req4 | NOT_USED                     |
|                    | reserved_data_req5 | NOT_USED                     |
|                    | sdu                | LLREQ_SDU100                 |
| (34) LL_READY_IND  |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
| (35) GRR_READY_IND |                    |                              |
| (36) GRR_DATA_REQ  |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | grr_qos            | GRRREQ_QOS_PEAKESSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3             |
|                    | cause              | GRR_DTACS_DEF                |
|                    | reserved_data_req  | NOT_USED                     |
|                    | sdu                | GRR_DATAREQ_NS8_NR0_A1_SAPI3 |
| (37) LL_DATA_REQ   |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                    | radio_prio         | LL_RADIO_PRIO_3              |
|                    | reserved_data_req1 | NOT_USED                     |
|                    | reference1         | NOT_USED                     |
|                    | seg_pos            | NOT_USED                     |
|                    | attached_counter   | LLC_NO_ATTACHE               |
|                    | reserved_data_req4 | NOT_USED                     |
|                    | reserved_data_req5 | NOT_USED                     |
|                    | sdu                | LLREQ_SDU100                 |
| (38) LL_READY_IND  |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
| (39) GRR_READY_IND |                    |                              |
| (40) GRR_DATA_REQ  |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | grr_qos            | GRRREQ_QOS_PEAKESSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3             |
|                    | cause              | GRR_DTACS_DEF                |
|                    | reserved_data_req  | NOT_USED                     |
|                    | sdu                | GRR_DATAREQ_NS9_NR0_SAPI3    |
| (41) LL_DATA_REQ   |                    |                              |
|                    | sapi               | LL_SAPI_3                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                    | radio_prio         | LL_RADIO_PRIO_3              |
|                    | reserved_data_req1 | NOT_USED                     |
|                    | reference1         | NOT_USED                     |
|                    | seg_pos            | NOT_USED                     |
|                    | attached_counter   | LLC_NO_ATTACHE               |

|                    |                    |                            |
|--------------------|--------------------|----------------------------|
|                    | reserved_data_req4 | NOT_USED                   |
|                    | reserved_data_req5 | NOT_USED                   |
|                    | sdu                | LLREQ_SDU100               |
| (42) LL_READY_IND  |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
| (43) GRR_READY_IND |                    |                            |
| (44) GRR_DATA_REQ  |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
|                    | grr_qos            | GRRREQ_QOS_PEAKSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3           |
|                    | cause              | GRR_DTACS_DEF              |
|                    | reserved_data_req  | NOT_USED                   |
|                    | sdu                | GRR_DATAREQ_NS10_NR0_SAPI3 |
| (45) LL_DATA_REQ   |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5        |
|                    | radio_prio         | LL_RADIO_PRIO_3            |
|                    | reserved_data_req1 | NOT_USED                   |
|                    | reference1         | NOT_USED                   |
|                    | seg_pos            | NOT_USED                   |
|                    | attached_counter   | LLC_NO_ATTACHE             |
|                    | reserved_data_req4 | NOT_USED                   |
|                    | reserved_data_req5 | NOT_USED                   |
|                    | sdu                | LLREQ_SDU100               |
| (46) LL_READY_IND  |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
| (47) GRR_READY_IND |                    |                            |
| (48) GRR_DATA_REQ  |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
|                    | grr_qos            | GRRREQ_QOS_PEAKSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3           |
|                    | cause              | GRR_DTACS_DEF              |
|                    | reserved_data_req  | NOT_USED                   |
|                    | sdu                | GRR_DATAREQ_NS11_NR0_SAPI3 |
| (49) LL_DATA_REQ   |                    |                            |
|                    | sapi               | LL_SAPI_3                  |
|                    | tlli               | TLLI_LOCAL_1               |
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5        |
|                    | radio_prio         | LL_RADIO_PRIO_3            |
|                    | reserved_data_req1 | NOT_USED                   |
|                    | reference1         | NOT_USED                   |
|                    | seg_pos            | NOT_USED                   |
|                    | attached_counter   | LLC_NO_ATTACHE             |
|                    | reserved_data_req4 | NOT_USED                   |
|                    | reserved_data_req5 | NOT_USED                   |
|                    | sdu                | LLREQ_SDU100               |

|                    |  |   |
|--------------------|--|---|
| (50) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (51) GRR_READY_IND |  |   |
| (52) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS12_NR0_SAPI3                                    |
| (53) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (54) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (55) GRR_READY_IND |  |   |
| (56) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS13_NR0_SAPI3                                    |
| (57) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (58) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (59) GRR_READY_IND |  |   |

## (60) GRR\_DATA\_REQ

|                   |                            |
|-------------------|----------------------------|
| sapi              | LL_SAPI_3                  |
| tlli              | TLLI_LOCAL_1               |
| grr_qos           | GRRREQ_QOS_PEAKSUB         |
| radio_prio        | GRR_RADIO_PRIO_3           |
| cause             | GRR_DTACS_DEF              |
| reserved_data_req | NOT_USED                   |
| sdu               | GRR_DATAREQ_NS14_NR0_SAPI3 |

## (61) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU100        |

## (62) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (63) GRR\_READY\_IND

## (64) GRR\_DATA\_REQ

|                   |                            |
|-------------------|----------------------------|
| sapi              | LL_SAPI_3                  |
| tlli              | TLLI_LOCAL_1               |
| grr_qos           | GRRREQ_QOS_PEAKSUB         |
| radio_prio        | GRR_RADIO_PRIO_3           |
| cause             | GRR_DTACS_DEF              |
| reserved_data_req | NOT_USED                   |
| sdu               | GRR_DATAREQ_NS15_NR0_SAPI3 |

## History:

01-Sep-2000

SLM

Initial

**3.15.2 LLC701: ABM - L3 data request on SAPI 5 forwarded to GRR after ready indication**

## Description:

LLC receives data (100 octets) for acknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an I frame to RLC/MAC using the primitive GRR\_DATA\_REQ. This test is only applicable to SAPI5

## Preamble:

LLC400B

|      | GMM | L3           | LLC           | RLC/MAC |
|------|-----|--------------|---------------|---------|
| (1)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (2)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (3)  |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (4)  |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (5)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (6)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (7)  |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (8)  |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (9)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (10) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (11) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (12) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (13) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (14) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (15) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (16) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (17) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (18) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (19) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (20) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (21) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (22) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (23) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (24) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (25) |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (26) |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (27) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (28) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (29) |     | LL_DATA_REQ  |               |         |

```
(30)      *=====>*
          | LL_READY_IND |
          *<=====*
```

```
(31)      |                                     | GRR_READY_IND
          |                                     *<=====*
```

```
(32)      |                                     | GRR_DATA_REQ
          |                                     *=====>*
```

### Parametrization:

| Primitive         | Parameter          | Value                     |
|-------------------|--------------------|---------------------------|
| (1) LL_DATA_REQ   | sapi               | LL_SAPI_5                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (2) LL_READY_IND  | sapi               | LL_SAPI_5                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (3) GRR_READY_IND |                    |                           |
| (4) GRR_DATA_REQ  | sapi               | LL_SAPI_5                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKSUB        |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS0_NRO_SAPI5 |
| (5) LL_DATA_REQ   | sapi               | LL_SAPI_5                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (6) LL_READY_IND  | sapi               | LL_SAPI_5                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (7) GRR_READY_IND |                    |                           |



## (8) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_5                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKESSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS1_NR0_SAPI5 |

## (9) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_5           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU100        |

## (10) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_5    |
| tlli | TLLI_LOCAL_1 |

## (11) GRR\_READY\_IND

## (12) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_5                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKESSUB         |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS2_NR0_A1_SAPI5 |

## (13) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_5           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU100        |

## (14) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_5    |
| tlli | TLLI_LOCAL_1 |

## (15) GRR\_READY\_IND

## (16) GRR\_DATA\_REQ

|            |                      |
|------------|----------------------|
| sapi       | LL_SAPI_5            |
| tlli       | TLLI_LOCAL_1         |
| grr_qos    | GRRREQ_QOS_PEAKESSUB |
| radio_prio | GRR_RADIO_PRIO_3     |
| cause      | GRR_DTACS_DEF        |

|                    |  |  |
|--------------------|--|--|
|                    | reserved_data_req<br>sdu   | NOT_USED<br>GRR_DATAREQ_NS3_NR0_SAPI5  |
| (17) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100  |
| (18) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (19) GRR_READY_IND |  |  |
| (20) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS4_NR0_SAPI5                                      |
| (21) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>GRR_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (22) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_5<br>TLLI_LOCAL_1  |
| (23) GRR_READY_IND |  |  |
| (24) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS5_NR0_SAPI5                                      |
| (25) LL_DATA_REQ   | sapi<br>tlli   | LL_SAPI_5<br>TLLI_LOCAL_1  |

|                    |                    |                              |
|--------------------|--------------------|------------------------------|
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                    | radio_prio         | LL_RADIO_PRIO_3              |
|                    | reserved_data_req1 | NOT_USED                     |
|                    | reference1         | NOT_USED                     |
|                    | seg_pos            | NOT_USED                     |
|                    | attached_counter   | LLC_NO_ATTACHE               |
|                    | reserved_data_req4 | NOT_USED                     |
|                    | reserved_data_req5 | NOT_USED                     |
|                    | sdu                | LLREQ_SDU100                 |
| (26) LL_READY_IND  |                    |                              |
|                    | sapi               | LL_SAPI_5                    |
|                    | tlli               | TLLI_LOCAL_1                 |
| (27) GRR_READY_IND |                    |                              |
| (28) GRR_DATA_REQ  |                    |                              |
|                    | sapi               | LL_SAPI_5                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | grr_qos            | GRRREQ_QOS_PEAKESSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3             |
|                    | cause              | GRR_DTACS_DEF                |
|                    | reserved_data_req  | NOT_USED                     |
|                    | sdu                | GRR_DATAREQ_NS6_NR0_A1_SAPI5 |
| (29) LL_DATA_REQ   |                    |                              |
|                    | sapi               | LL_SAPI_5                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                    | radio_prio         | LL_RADIO_PRIO_3              |
|                    | reserved_data_req1 | NOT_USED                     |
|                    | reference1         | NOT_USED                     |
|                    | seg_pos            | NOT_USED                     |
|                    | attached_counter   | LLC_NO_ATTACHE               |
|                    | reserved_data_req4 | NOT_USED                     |
|                    | reserved_data_req5 | NOT_USED                     |
|                    | sdu                | LLREQ_SDU100                 |
| (30) LL_READY_IND  |                    |                              |
|                    | sapi               | LL_SAPI_5                    |
|                    | tlli               | TLLI_LOCAL_1                 |
| (31) GRR_READY_IND |                    |                              |
| (32) GRR_DATA_REQ  |                    |                              |
|                    | sapi               | LL_SAPI_5                    |
|                    | tlli               | TLLI_LOCAL_1                 |
|                    | grr_qos            | GRRREQ_QOS_PEAKESSUB         |
|                    | radio_prio         | GRR_RADIO_PRIO_3             |
|                    | cause              | GRR_DTACS_DEF                |
|                    | reserved_data_req  | NOT_USED                     |
|                    | sdu                | GRR_DATAREQ_NS7_NR0_SAPI5    |

## History:

01-Sep-2000

SLM

Initial

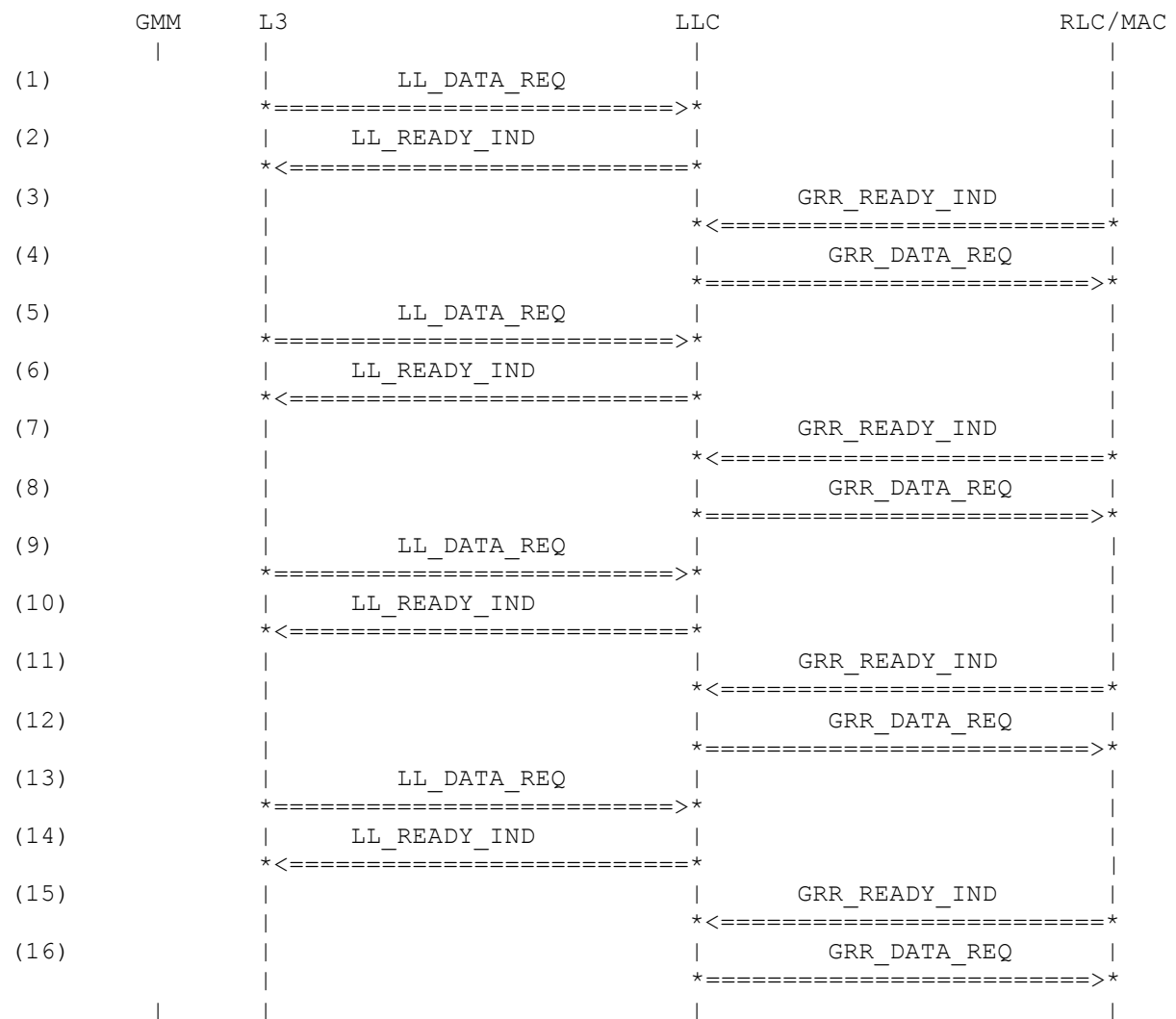
**3.15.3 LLC702: ABM - L3 data request on SAPI 9 forwarded to GRR after ready indication**

## Description:

LLC receives data (100 octets) for acknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an I frame to RLC/MAC using the primitive GRR\_DATA\_REQ. This test is only applicable to SAPI9

## Preamble:

LLC400C



## Parametrization:

| Primitive       | Parameter          | Value               |
|-----------------|--------------------|---------------------|
| (1) LL_DATA_REQ | sapi               | LL_SAPI_9           |
|                 | tlfi               | TLFI_LOCAL_1        |
|                 | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                 | radio_prio         | LL_RADIO_PRIO_3     |
|                 | reserved_data_req1 | NOT_USED            |

|                   |                    |                           |
|-------------------|--------------------|---------------------------|
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (2) LL_READY_IND  |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (3) GRR_READY_IND |                    |                           |
| (4) GRR_DATA_REQ  |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKESSUB      |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS0_NR0_SAPI9 |
| (5) LL_DATA_REQ   |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (6) LL_READY_IND  |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (7) GRR_READY_IND |                    |                           |
| (8) GRR_DATA_REQ  |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKESSUB      |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS1_NR0_SAPI9 |
| (9) LL_DATA_REQ   |                    |                           |
|                   | sapi               | LL_SAPI_9                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |

|                    |  |   |
|--------------------|--|---|
| (10) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| (11) GRR_READY_IND |  |   |
| (12) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS2_NR0_A1_SAPI9                                  |
| (13) LL_DATA_REQ   | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (14) LL_READY_IND  | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| (15) GRR_READY_IND |  |   |
| (16) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS3_NR0_SAPI9                                     |

## History:

01-Sep-2000

SLM

Initial

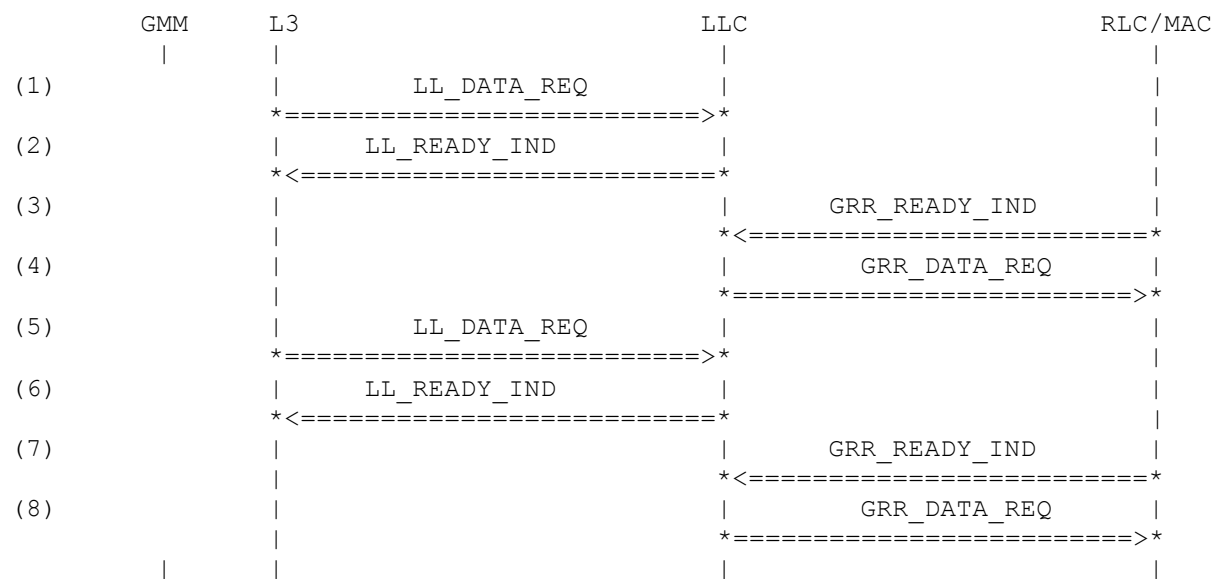
**3.15.4 LLC703: ABM - L3 data request on SAPI 11 forwarded to GRR after ready indication**

## Description:

LLC receives data (100 octets) for acknowledged transmission. RLC/MAC is ready to receive data. LLC sends the received data in an I frame to RLC/MAC using the primitive GRR\_DATA\_REQ. This test is only applicable to SAPI11

## Preamble:

LLC400D

**Parametrization:**

| Primitive         | Parameter          | Value                      |
|-------------------|--------------------|----------------------------|
| (1) LL_DATA_REQ   | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5        |
|                   | radio_prio         | LL_RADIO_PRIO_3            |
|                   | reserved_data_req1 | NOT_USED                   |
|                   | reference1         | NOT_USED                   |
|                   | seg_pos            | NOT_USED                   |
|                   | attached_counter   | LLC_NO_ATTACHE             |
|                   | reserved_data_req4 | NOT_USED                   |
|                   | reserved_data_req5 | NOT_USED                   |
| (2) LL_READY_IND  | sdu                | LLREQ_SDU100               |
|                   |                    |                            |
| (3) GRR_READY_IND | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
| (4) GRR_DATA_REQ  |                    |                            |
| (5) LL_DATA_REQ   | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
|                   | grr_qos            | GRRREQ_QOS_PEAKSUB         |
|                   | radio_prio         | GRR_RADIO_PRIO_3           |
|                   | cause              | GRR_DTACS_DEF              |
|                   | reserved_data_req  | NOT_USED                   |
|                   | sdu                | GRR_DATAREQ_NS0_NR0_SAPI11 |
|                   |                    |                            |
| (6) LL_READY_IND  | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5        |
|                   | radio_prio         | LL_RADIO_PRIO_3            |
|                   | reserved_data_req1 | NOT_USED                   |
|                   | reference1         | NOT_USED                   |
|                   | seg_pos            | NOT_USED                   |

|                   |                    |                            |
|-------------------|--------------------|----------------------------|
|                   | attached_counter   | LLC_NO_ATTACHE             |
|                   | reserved_data_req4 | NOT_USED                   |
|                   | reserved_data_req5 | NOT_USED                   |
|                   | sdu                | LLREQ_SDU100               |
| (6) LL_READY_IND  |                    |                            |
|                   | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
| (7) GRR_READY_IND |                    |                            |
| (8) GRR_DATA_REQ  |                    |                            |
|                   | sapi               | LL_SAPI_11                 |
|                   | tlli               | TLLI_LOCAL_1               |
|                   | grr_qos            | GRRREQ_QOS_PEAKSUB         |
|                   | radio_prio         | GRR_RADIO_PRIO_3           |
|                   | cause              | GRR_DTACS_DEF              |
|                   | reserved_data_req  | NOT_USED                   |
|                   | sdu                | GRR_DATAREQ_NS1_NR0_SAPI11 |

History:

01-Sep-2000

SLM

Initial

**3.15.5 LLC705: ABM - Several L3 data request on SAPI 9 not forwarded to GRR after all are received**

Description:

LLC receives several data (100 octets) for acknowledged transmission. RLC/MAC is not ready to receive data. LLC stores the frames. This test is only applicable to SAPI9

Preamble:

LLC400C



|      | GMM | L3           | LLC           | RLC/MAC |
|------|-----|--------------|---------------|---------|
| (1)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (2)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (3)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (4)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (5)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (6)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (7)  |     | LL_DATA_REQ  |               |         |
|      |     | *=====>*     |               |         |
| (8)  |     | LL_READY_IND |               |         |
|      |     | *<=====*     |               |         |
| (9)  |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (10) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (11) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (12) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (13) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (14) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
| (15) |     |              | GRR_READY_IND |         |
|      |     |              | *<=====*      |         |
| (16) |     |              | GRR_DATA_REQ  |         |
|      |     |              | *=====>*      |         |
|      |     |              |               |         |

**Parametrization:**

| Primitive        | Parameter          | Value               |
|------------------|--------------------|---------------------|
| (1) LL_DATA_REQ  | sapi               | LL_SAPI_9           |
|                  | tlli               | TLLI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | NOT_USED            |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU100        |
| (2) LL_READY_IND | sapi               | LL_SAPI_9           |
|                  | tlli               | TLLI_LOCAL_1        |
| (3) LL_DATA_REQ  | sapi               | LL_SAPI_9           |

|                    |  |   |
|--------------------|--|---|
|                    | tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu         | TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100              |
| (4) LL_READY_IND   | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| (5) LL_DATA_REQ    | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (6) LL_READY_IND   | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| (7) LL_DATA_REQ    | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (8) LL_READY_IND   | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| (9) GRR_READY_IND  |  |   |
| (10) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS0_NR0_SAPI9                                     |
| (11) GRR_READY_IND |  |   |

## (12) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_9                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKEBUB          |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS1_NR0_A0_SAPI9 |

## (13) GRR\_READY\_IND

## (14) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_9                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKEBUB          |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS2_NR0_A0_SAPI9 |

## (15) GRR\_READY\_IND

## (16) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_9                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKEBUB       |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS3_NR0_SAPI9 |

## History:

01-Sep-2000

SLM

Initial

**3.15.6 LLC710: ABM - First Timeout of T201 after sending maximum window of data requests to GRR**

## Description:

In LL700..703 testcases specific numbers of frames are sent in acknowledged mode. In this test case the behaviour of LLC which doesn't get acknowledged is tested. After timeout LLC has to resent the last frame.

## Variants:

&lt;A&gt;....&lt;D&gt;

## Preamble:

<A>LLC700  
 <B>LLC701  
 <C>LLC702  
 <D>LLC703

| GMM            | L3 | LLC           | RLC/MAC |
|----------------|----|---------------|---------|
|                |    |               |         |
| TIMEOUT (5000) |    |               |         |
| (1)            |    | GRR_READY_IND |         |
|                |    | * <=====*     |         |
| (2)            |    | GRR_DATA_REQ  |         |
|                |    | * =====>*     |         |
|                |    |               |         |

## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

(1) GRR\_READY\_IND

(2) GRR\_DATA\_REQ

|     |                   |                            |
|-----|-------------------|----------------------------|
| <A> | sapi              | LL_SAPI_3                  |
| <B> | sapi              | LL_SAPI_5                  |
| <C> | sapi              | LL_SAPI_9                  |
| <D> | sapi              | LL_SAPI_11                 |
|     | tlli              | TLLI_LOCAL_1               |
|     | grr_qos           | GRRREQ_QOS_PEAKSUB         |
|     | radio_prio        | GRR_RADIO_PRIO_3           |
|     | cause             | GRR_DTACS_DEF              |
|     | reserved_data_req | NOT_USED                   |
| <A> | sdu               | GRR_DATAREQ_NS15_NR0_SAPI3 |
| <B> | sdu               | GRR_DATAREQ_NS7_NR0_SAPI5  |
| <C> | sdu               | GRR_DATAREQ_NS3_NR0_SAPI9  |
| <D> | sdu               | GRR_DATAREQ_NS1_NR0_SAPI11 |

History:

04-Sep-2000

SLM

Initial

**3.15.7 LLC711: ABM - Retransmission of 2 frames after receive of a SACK**

Description:

LLC receives a SACK command which identifies the first frame and one additional that has been received wrong. The illegal frames must be retransmitted.

Variants:

&lt;A&gt;....&lt;C&gt;

Preamble:

<A>LLC700  
 <B>LLC701  
 <C>LLC702

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_DATA_IND_TEST |         |
| (2) |     |    | *<=====*          |         |
| (3) |     |    | GRR_READY_IND     |         |
| (4) |     |    | *<=====*          |         |
| (5) |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>          |         |
|     |     |    | GRR_READY_IND     |         |
|     |     |    | *<=====*          |         |
|     |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>          |         |
|     |     |    |                   |         |

**Parametrization:**

| Primitive             | Parameter | Value                |
|-----------------------|-----------|----------------------|
| (1) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1         |
| <A>                   | sdu       | GRRIND_SACK_R8_SAPI3 |
| <B>                   | sdu       | GRRIND_SACK_R6_SAPI5 |
| <C>                   | sdu       | GRRIND_SACK_R2_SAPI9 |
| (2) GRR_READY_IND     |           |                      |

## (3) GRR\_DATA\_REQ

|     |                   |                              |
|-----|-------------------|------------------------------|
| <A> | sapi              | LL_SAPI_3                    |
| <B> | sapi              | LL_SAPI_5                    |
| <C> | sapi              | LL_SAPI_9                    |
|     | tlli              | TLLI_LOCAL_1                 |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB         |
|     | radio_prio        | GRR_RADIO_PRIO_3             |
|     | cause             | GRR_DTACS_DEF                |
|     | reserved_data_req | NOT_USED                     |
| <A> | sdu               | GRR_DATAREQ_NS0_NR0_A0_SAPI3 |
| <B> | sdu               | GRR_DATAREQ_NS0_NR0_A0_SAPI5 |
| <C> | sdu               | GRR_DATAREQ_NS0_NR0_A0_SAPI9 |

## (4) GRR\_READY\_IND

## (5) GRR\_DATA\_REQ

|     |                   |                              |
|-----|-------------------|------------------------------|
| <A> | sapi              | LL_SAPI_3                    |
| <B> | sapi              | LL_SAPI_5                    |
| <C> | sapi              | LL_SAPI_9                    |
|     | tlli              | TLLI_LOCAL_1                 |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB         |
|     | radio_prio        | GRR_RADIO_PRIO_3             |
|     | cause             | GRR_DTACS_DEF                |
|     | reserved_data_req | NOT_USED                     |
| <A> | sdu               | GRR_DATAREQ_NS8_NR0_A1_SAPI3 |
| <B> | sdu               | GRR_DATAREQ_NS6_NR0_A1_SAPI5 |
| <C> | sdu               | GRR_DATAREQ_NS2_NR0_A1_SAPI9 |

History:

05-Sep-2000

SLM

Initial

**3.15.8 LLC712: ABM - Retransmission of 3 frames after receive of a SACK; L3 data request while window full**

Description:

LLC receives a SACK command which identifies the frames that has been received wrong. The frames are retransmitted and the next new L3 frame will be send. A L3 data request is queued and not forwarded to GRR, because the transmit window is full.

Variants:

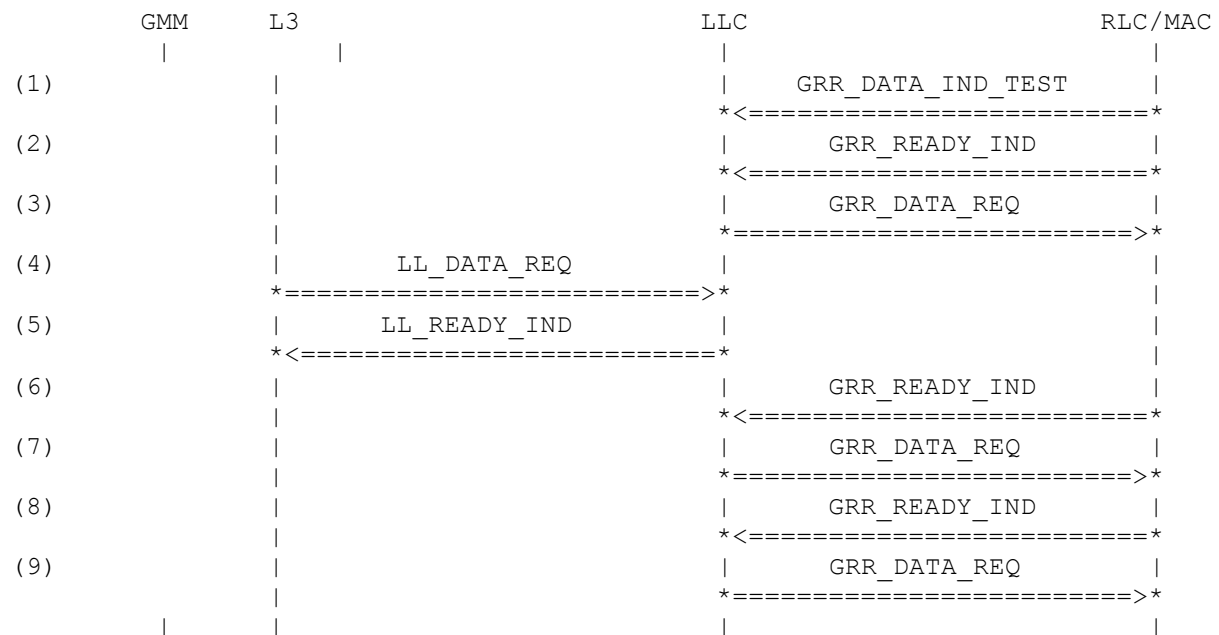
&lt;A&gt;....&lt;C&gt;

Preamble:

&lt;A&gt;LLC700

&lt;B&gt;LLC701

&lt;C&gt;LLC702

**Parametrization:**

| Primitive             | Parameter          | Value                        |
|-----------------------|--------------------|------------------------------|
| (1) GRR_DATA_IND_TEST |                    |                              |
| <A>                   | tlli               | TLLI_LOCAL_1                 |
| <B>                   | sdu                | GRRIND_SACK_R4_R8_SAPI3      |
| <C>                   | sdu                | GRRIND_SACK_R2_R6_SAPI5      |
| (2) GRR_READY_IND     |                    |                              |
| (3) GRR_DATA_REQ      |                    |                              |
| <A>                   | sapi               | LL_SAPI_3                    |
| <B>                   | sapi               | LL_SAPI_5                    |
| <C>                   | sapi               | LL_SAPI_9                    |
|                       | tlli               | TLLI_LOCAL_1                 |
|                       | grr_qos            | GRRREQ_QOS_PEAKSUB           |
|                       | radio_prio         | GRR_RADIO_PRIO_3             |
|                       | cause              | GRR_DTACS_DEF                |
|                       | reserved_data_req  | NOT_USED                     |
| <A>                   | sdu                | GRR_DATAREQ_NS0_NR0_A0_SAPI3 |
| <B>                   | sdu                | GRR_DATAREQ_NS0_NR0_A0_SAPI5 |
| <C>                   | sdu                | GRR_DATAREQ_NS0_NR0_A0_SAPI9 |
| (4) LL_DATA_REQ       |                    |                              |
| <A>                   | sapi               | LL_SAPI_3                    |
| <B>                   | sapi               | LL_SAPI_5                    |
| <C>                   | sapi               | LL_SAPI_9                    |
|                       | tlli               | TLLI_LOCAL_1                 |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5          |
|                       | radio_prio         | LL_RADIO_PRIO_3              |
|                       | reserved_data_req1 | NOT_USED                     |
|                       | reference1         | NOT_USED                     |
|                       | seg_pos            | NOT_USED                     |
|                       | attached_counter   | LLC_NO_ATTACHE               |
|                       | reserved_data_req4 | NOT_USED                     |

|                   |                    |                              |
|-------------------|--------------------|------------------------------|
|                   | reserved_data_req5 | NOT_USED                     |
|                   | sdu                | LLREQ_SDU100                 |
| (5) LL_READY_IND  |                    |                              |
| <A>               | sapi               | LL_SAPI_3                    |
| <B>               | sapi               | LL_SAPI_5                    |
| <C>               | sapi               | LL_SAPI_9                    |
|                   | tlli               | TLLI_LOCAL_1                 |
| (6) GRR_READY_IND |                    |                              |
| (7) GRR_DATA_REQ  |                    |                              |
| <A>               | sapi               | LL_SAPI_3                    |
| <B>               | sapi               | LL_SAPI_5                    |
| <C>               | sapi               | LL_SAPI_9                    |
|                   | tlli               | TLLI_LOCAL_1                 |
|                   | grr_qos            | GRRREQ_QOS_PEAKEQSUB         |
|                   | radio_prio         | GRR_RADIO_PRIO_3             |
|                   | cause              | GRR_DTACS_DEF                |
|                   | reserved_data_req  | NOT_USED                     |
| <A>               | sdu                | GRR_DATAREQ_NS4_NR0_A0_SAPI3 |
| <B>               | sdu                | GRR_DATAREQ_NS2_NR0_A0_SAPI5 |
| <C>               | sdu                | GRR_DATAREQ_NS1_NR0_A0_SAPI9 |
| (8) GRR_READY_IND |                    |                              |
| (9) GRR_DATA_REQ  |                    |                              |
| <A>               | sapi               | LL_SAPI_3                    |
| <B>               | sapi               | LL_SAPI_5                    |
| <C>               | sapi               | LL_SAPI_9                    |
|                   | tlli               | TLLI_LOCAL_1                 |
|                   | grr_qos            | GRRREQ_QOS_PEAKEQSUB         |
|                   | radio_prio         | GRR_RADIO_PRIO_3             |
|                   | cause              | GRR_DTACS_DEF                |
|                   | reserved_data_req  | NOT_USED                     |
| <A>               | sdu                | GRR_DATAREQ_NS8_NR0_A1_SAPI3 |
| <B>               | sdu                | GRR_DATAREQ_NS6_NR0_A1_SAPI5 |
| <C>               | sdu                | GRR_DATAREQ_NS2_NR0_A1_SAPI9 |

## History:

05-Sep-2000

SLM

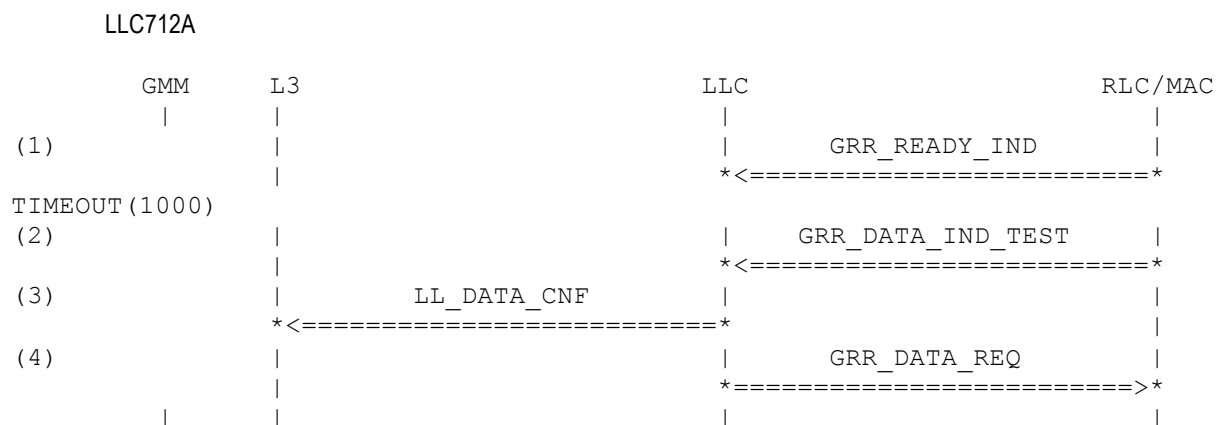
Initial

**3.15.9 LLC713: ABM - Receiving an frame ack with RR; Sending data to GRR after transmit window full**

## Description:

LLC receives an GRR ready indication, but will not send any new frames in state "transmit window full". Then LLC receives a RR command for SAPI 3 which confirms the first transmitted frame. The L3 confirmation for all at this time in sequence acknowledged frames are send. The next following L3 PDU is send to GRR including an acknowledgement request.

## Preamble:



## Parametrization:

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_READY_IND     |  |   |
| (2) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR2_A0_SAPI3  |
| (3) LL_DATA_CNF       | sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS16_NR0_A1_SAPI3 |



## History:

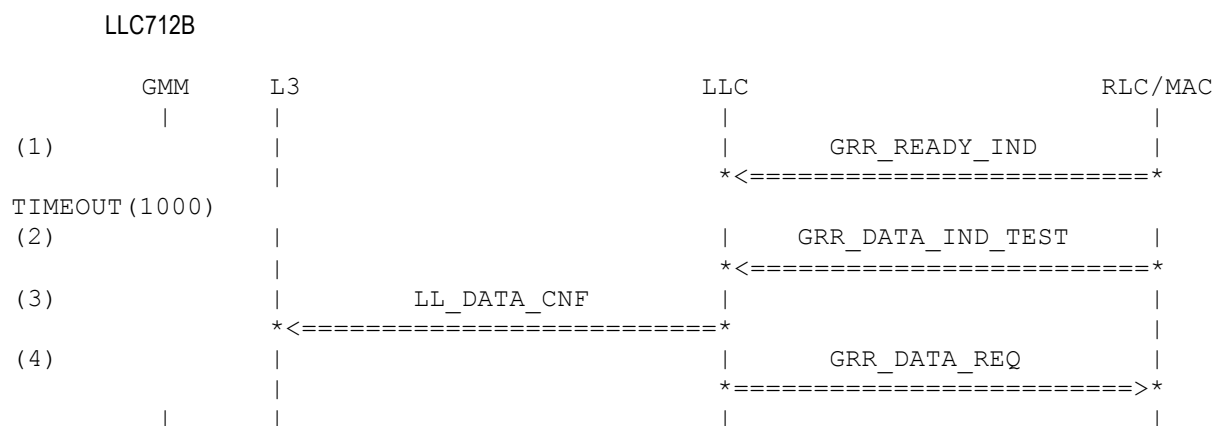
|             |    |                                     |
|-------------|----|-------------------------------------|
| 03-Nov-2000 | GS | Initial                             |
| 08-Dec-2000 | GS | LL_DATA_CNFs joined together to one |

**3.15.10 LLC714: ABM - Receiving an frame ack with RR; Sending data to GRR after transmit window full**

## Description:

LLC receives an GRR ready indication, but will not send any new frames in state "transmit window full". Then LLC receives a RR command for SAPI 5 which confirms the first transmitted frame. The L3 confirmation for all at this time in sequence acknowledged frames are send. The next following L3 PDU is send to GRR including an acknowledgement request.

## Preamble:



## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_READY_IND     |  |  |
| (2) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR2_A0_SAPI5   |
| (3) LL_DATA_CNF       | sapi<br>tlli<br>reference1   | LL_SAPI_5<br>TLLI_LOCAL_1<br>NOT_USED  |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_5<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS8_NR0_A1_SAPI5 |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 03-Nov-2000 | GS | Initial                             |
| 08-Dec-2000 | GS | LL_DATA_CNFs joined together to one |

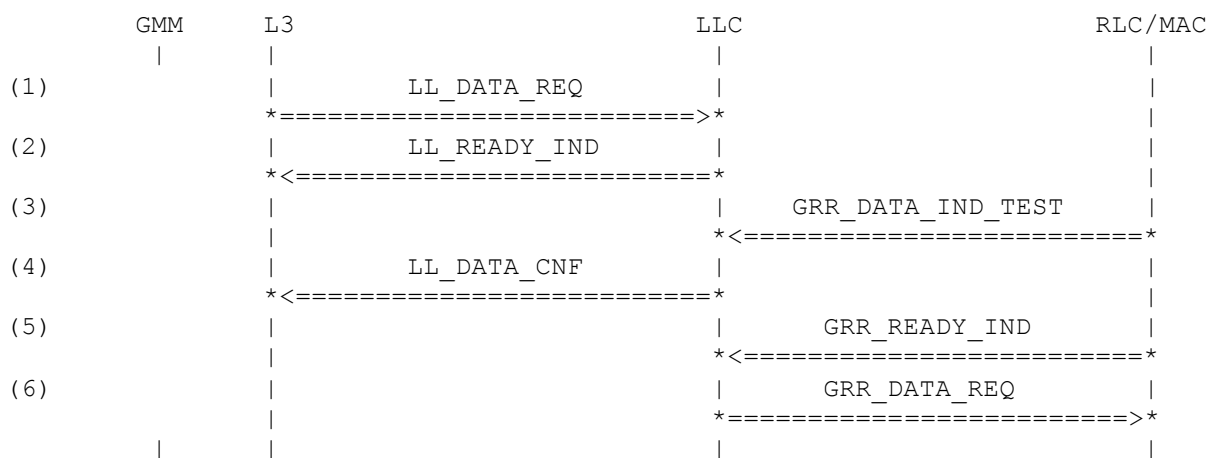
**3.15.11 LLC715: ABM - Receiving frame ack with RR for SAPI 9; Sending new frames to GRR**

## Description:

LLC receives an RR frame that identifies that all frames previously sent have been acknowledged later, it sends frame with N(R)=1.

## Preamble:

## LLC702



## Parametrization:

| Primitive             | Parameter          | Value               |
|-----------------------|--------------------|---------------------|
| (1) LL_DATA_REQ       | sapi               | LL_SAPI_9           |
|                       | tlli               | TLLI_LOCAL_1        |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                       | radio_prio         | LL_RADIO_PRIO_3     |
|                       | reserved_data_req1 | NOT_USED            |
|                       | reference1         | NOT_USED            |
|                       | seg_pos            | NOT_USED            |
|                       | attached_counter   | LLC_NO_ATTACHE      |
|                       | reserved_data_req4 | NOT_USED            |
|                       | reserved_data_req5 | NOT_USED            |
|                       | sdu                | LLREQ_SDU100        |
| (2) LL_READY_IND      | sapi               | LL_SAPI_9           |
|                       | tlli               | TLLI_LOCAL_1        |
| (3) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1        |
|                       | sdu                | GRRIND_RR_NR4_SAPI9 |
| (4) LL_DATA_CNF       | sapi               | LL_SAPI_9           |
|                       | tlli               | TLLI_LOCAL_1        |
|                       | reference1         | NOT_USED            |

(5) GRR\_READY\_IND

(6) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_9                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKSUB           |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS4_NR0_A1_SAPI9 |

History:

|             |     |                                     |
|-------------|-----|-------------------------------------|
| 05-Sep-2000 | SLM | Initial                             |
| 08-Dec-2000 | GS  | LL_DATA_CNFs joined together to one |

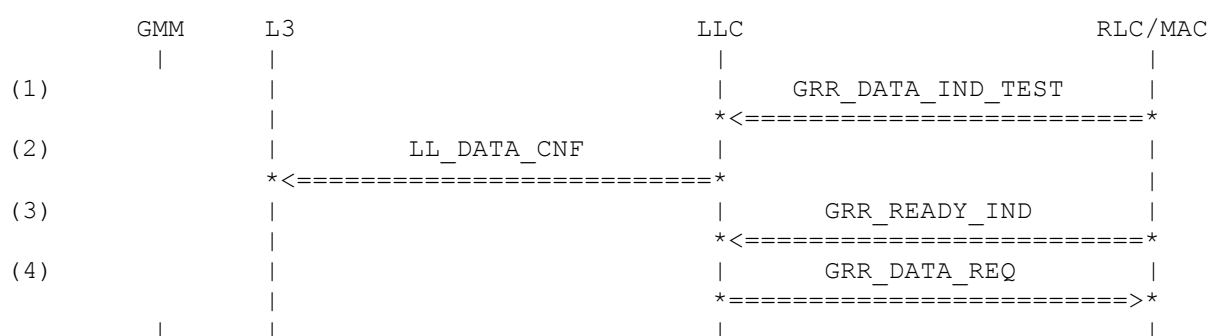
**3.15.12 LLC716: ABM - Receiving an ACK on SAPI 3; Retransmit erroneous frame**

Description:

In test case LLC700 16 frames with N(S) = 0..15 are send to the lower layer. An ACK command comes with N(R) set to 9. The L3 data confirmation is send and the erroneous frame is retransmitted.

Preamble:

LLC700

**Parametrization:**

| Primitive             | Parameter         | Value                     |
|-----------------------|-------------------|---------------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1              |
|                       | sdu               | GRRIND_ACK_NR9_SAPI3      |
| (2) LL_DATA_CNF       | sapi              | LL_SAPI_3                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | reference1        | NOT_USED                  |
| (3) GRR_READY_IND     |                   |                           |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_3                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB        |
|                       | radio_prio        | GRR_RADIO_PRIO_3          |
|                       | cause             | GRR_DTACS_DEF             |
|                       | reserved_data_req | NOT_USED                  |
|                       | sdu               | GRR_DATAREQ_NS9_NR0_SAPI3 |

## History:

|             |    |                                     |
|-------------|----|-------------------------------------|
| 05-Nov-2000 | GS | Initial                             |
| 08-Dec-2000 | GS | LL_DATA_CNFs joined together to one |

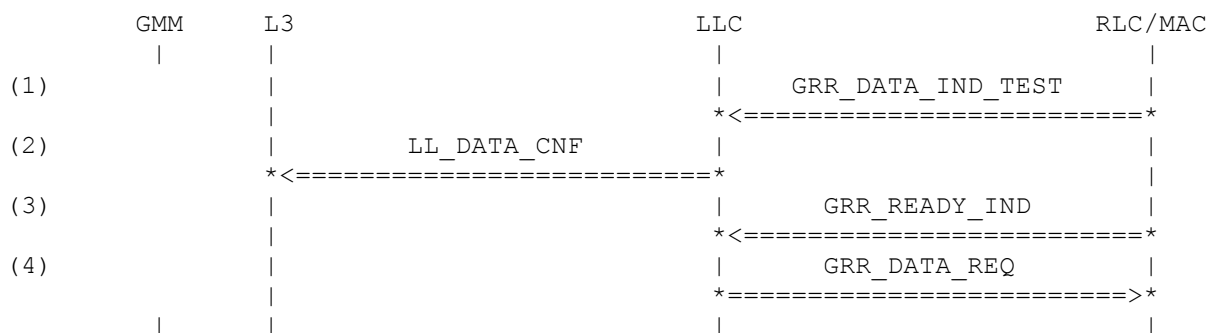
**3.15.13 LLC717: ABM - Receiving an ACK on SAPI 5; Retransmit erroneous frame**

## Description:

In test case LLC701 eight frames with  $N(S) = 0..7$  are send to the lower layer. An ACK command comes with  $N(R)$  set to 3. The L3 data confirmation is send and the erroneous frame is retransmitted.

## Preamble:

LLC701



## Parametrization:

| Primitive             | Parameter         | Value                     |
|-----------------------|-------------------|---------------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1              |
|                       | sdu               | GRRIND_ACK_NR3_SAPI5      |
| (2) LL_DATA_CNF       | sapi              | LL_SAPI_5                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | reference1        | NOT_USED                  |
| (3) GRR_READY_IND     |                   |                           |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_5                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB        |
|                       | radio_prio        | GRR_RADIO_PRIO_3          |
|                       | cause             | GRR_DTACS_DEF             |
|                       | reserved_data_req | NOT_USED                  |
|                       | sdu               | GRR_DATAREQ_NS3_NR0_SAPI5 |

## History:

|             |     |                                     |
|-------------|-----|-------------------------------------|
| 05-Sep-2000 | SLM | Initial                             |
| 08-Dec-2000 | GS  | LL_DATA_CNFs joined together to one |

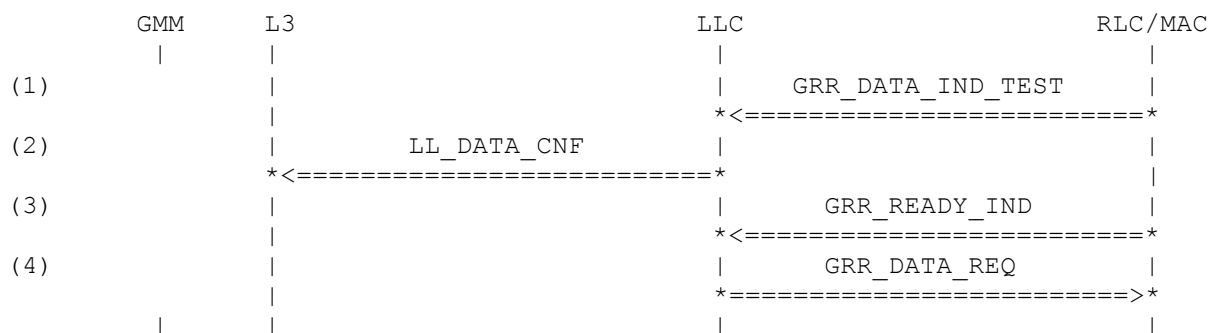
**3.15.14 LLC718: ABM - Receiving an ACK on SAPI 9; Retransmit erroneous frame**

## Description:

In test case LLC702 four frames with  $N(S) = 0..3$  are send to the lower layer. An ACK command comes with  $N(R)$  set to 1. The L3 data confirmation is send and the erroneous frame is retransmitted.

## Preamble:

LLC702



## Parametrization:

| Primitive             | Parameter         | Value                     |
|-----------------------|-------------------|---------------------------|
| (1) GRR_DATA_IND_TEST | tlli              | TLLI_LOCAL_1              |
|                       | sdu               | GRRIND_ACK_NR1_SAPI9      |
| (2) LL_DATA_CNF       | sapi              | LL_SAPI_9                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | reference1        | NOT_USED                  |
| (3) GRR_READY_IND     |                   |                           |
| (4) GRR_DATA_REQ      | sapi              | LL_SAPI_9                 |
|                       | tlli              | TLLI_LOCAL_1              |
|                       | grr_qos           | GRRREQ_QOS_PEAKSUB        |
|                       | radio_prio        | GRR_RADIO_PRIO_3          |
|                       | cause             | GRR_DTACS_DEF             |
|                       | reserved_data_req | NOT_USED                  |
|                       | sdu               | GRR_DATAREQ_NS1_NR0_SAPI9 |

History:

05-Sep-2000

SLM

Initial

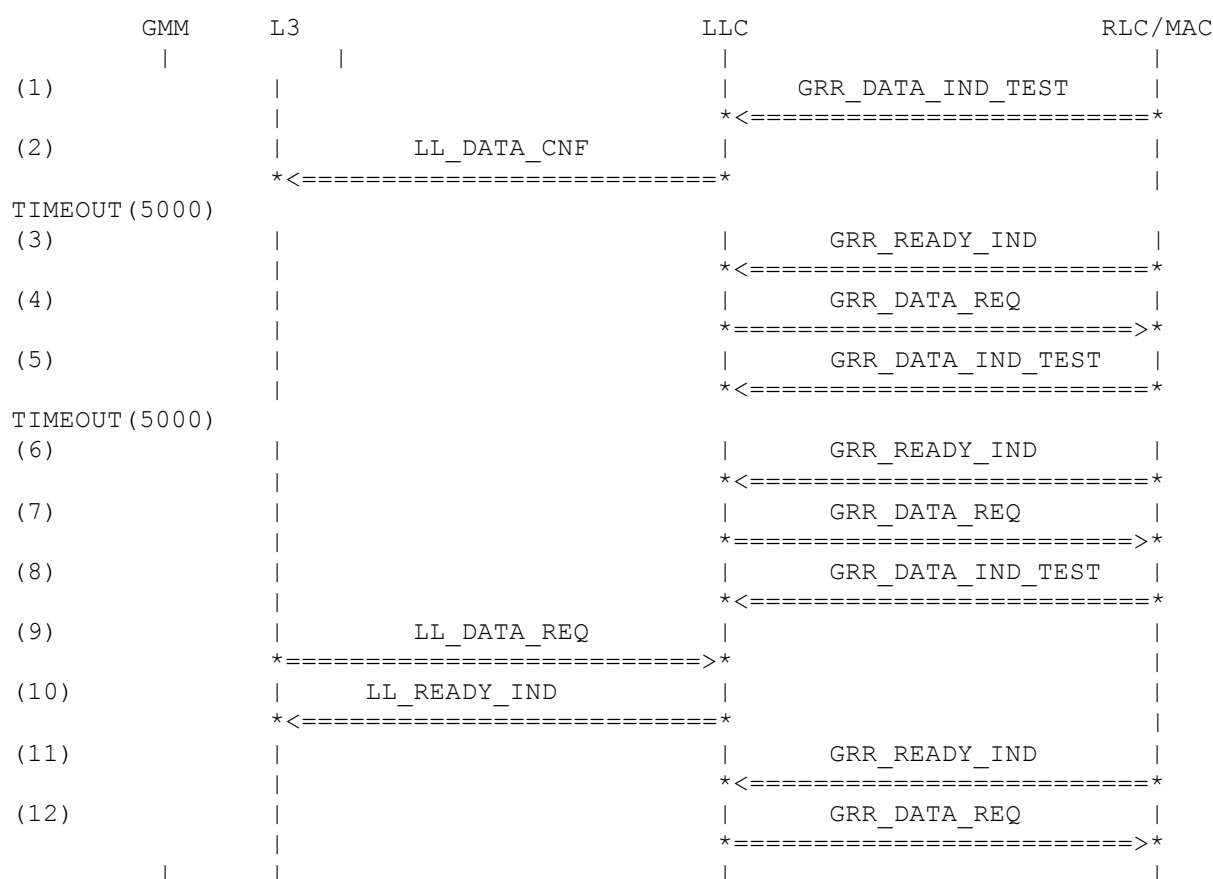
**3.15.15 LLC719: ABM - Receiving a RNR, 2 times expiry of T201 and restart of transmission after RR**

Description:

LLC receives a RNR frame. The timer T201 expires two times and then LLC receive a RR. Then LLC should continue I frame transmission.

Preamble:

LLC703



Parametrization:

| Primitive             | Parameter                  | Value                                  |
|-----------------------|----------------------------|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu                | TLLI_LOCAL_1<br>GRRIND_RNR_NR2_SAPI11  |
| (2) LL_DATA_CNF       | sapi<br>tlli<br>reference1 | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED |
| (3) GRR_READY_IND     |                            |  |
| (4) GRR_DATA_REQ      | sapi                       | LL_SAPI_11                             |

|                       |  |  |
|-----------------------|--|--|
|                       | tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR0_A1_SAPI11   |
| (5) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RNR_NR2_SAPI11  |
| (6) GRR_READY_IND     |  |  |
| (7) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR0_A1_SAPI11                                     |
| (8) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR2_SAPI11   |
| (9) LL_DATA_REQ       | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU100 |
| (10) LL_READY_IND     | sapi<br>tlli   | LL_SAPI_11<br>TLLI_LOCAL_1   |
| (11) GRR_READY_IND    |  |  |
| (12) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>GRR_DATAREQ_NS2_NR0_A1_SAPI11                               |

## History:

|             |     |                                     |
|-------------|-----|-------------------------------------|
| 07-Sep-2000 | SLM | Initial                             |
| 08-Dec-2000 | GS  | LL_DATA_CNFs joined together to one |

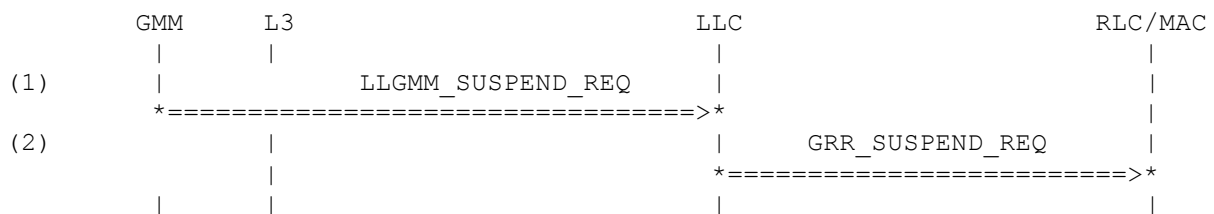
**3.15.16 LLC720: ABM - Suspend Request after ABM Establishment**

## Description:

LLC is just established. GMM suspends operation.

## Preamble:

LLC400C



## Parametrization:

| Primitive             | Parameter  | Value     |
|-----------------------|------------|-----------|
| (1) LLGMM_SUSPEND_REQ | susp_cause | LLGMM_RAU |
| (2) GRR_SUSPEND_REQ   |            |           |

## History:

|             |    |                        |
|-------------|----|------------------------|
| 07-Nov-2000 | GS | Initial                |
| 18-Oct-2001 | GS | Suspension cause added |
| 30-Jan-2002 | GS | GRR_SUSPEND_REQ added. |

**3.15.17 LLC721: ABM - Suspended; L3 data requests received until Transmit Buffer full**

## Description:

LLC receives 10 frames each with 500 octet PDUs for acknowledged transmission. RLC/MAC is not ready. The Transmitbuffer is full with the last request. No ready indication is send until the operation is resumed and the first frame is acknowledged from the peer.

## Preamble:

LLC720



|      | GMM | L3           | LLC | RLC/MAC |
|------|-----|--------------|-----|---------|
| (1)  |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (2)  |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (3)  |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (4)  |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (5)  |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (6)  |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (7)  |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (8)  |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (9)  |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (10) |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (11) |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (12) |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (13) |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (14) |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (15) |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (16) |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (17) |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
| (18) |     | LL_READY_IND |     |         |
|      |     | *<=====*     |     |         |
| (19) |     | LL_DATA_REQ  |     |         |
|      |     | *=====>*     |     |         |
|      |     |              |     |         |

**Parametrization:**

| Primitive       | Parameter          | Value               |
|-----------------|--------------------|---------------------|
| (1) LL_DATA_REQ | sapi               | LL_SAPI_9           |
|                 | tlli               | TLLI_LOCAL_1        |
|                 | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                 | radio_prio         | LL_RADIO_PRIO_3     |
|                 | reserved_data_req1 | NOT_USED            |
|                 | reference1         | NOT_USED            |
|                 | seg_pos            | NOT_USED            |
|                 | attached_counter   | LLC_NO_ATTACHE      |
|                 | reserved_data_req4 | NOT_USED            |
|                 | reserved_data_req5 | NOT_USED            |
|                 | sdu                | LLREQ_SDU500        |

## (2) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (3) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## (4) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (5) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## (6) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (7) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## (8) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (9) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |

|                   |                    |                     |
|-------------------|--------------------|---------------------|
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU500        |
| (10) LL_READY_IND |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (11) LL_DATA_REQ  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU500        |
| (12) LL_READY_IND |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (13) LL_DATA_REQ  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU500        |
| (14) LL_READY_IND |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (15) LL_DATA_REQ  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU500        |
| (16) LL_READY_IND |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |

## (17) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## (18) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (19) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## History:

|             |     |         |
|-------------|-----|---------|
| 08-Sep-2000 | SLM | Initial |
|-------------|-----|---------|

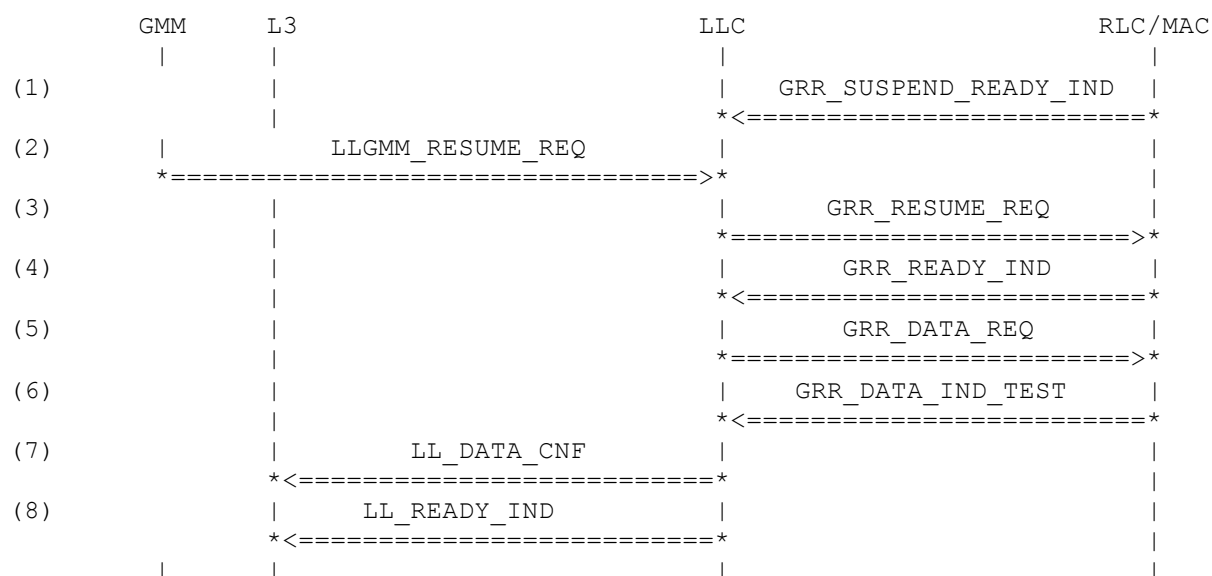
**3.15.18 LLC722: ABM - Resume of operation, acknowledge of first frame, send of L3 ready indication**

## Description:

LLC receives a Resume request from GMM and starts transmission on frames to the lower layer. After the first frame is acknowledged from the peer, LLC sends a LL\_READY\_IND.

## Preamble:

LLC721

**Parametrization:**

| Primitive                 | Parameter         | Value                         |
|---------------------------|-------------------|-------------------------------|
| (1) GRR_SUSPEND_READY_IND |                   |                               |
| (2) LLGMM_RESUME_REQ      |                   |                               |
| (3) GRR_RESUME_REQ        |                   |                               |
| (4) GRR_READY_IND         |                   |                               |
| (5) GRR_DATA_REQ          |                   |                               |
|                           | sapi              | LL_SAPI_9                     |
|                           | tlli              | TLLI_LOCAL_1                  |
|                           | grr_qos           | GRRREQ_QOS_PEAKSUB            |
|                           | radio_prio        | GRR_RADIO_PRIO_3              |
|                           | cause             | GRR_DTACS_DEF                 |
|                           | reserved_data_req | NOT_USED                      |
|                           | sdu               | GRR_DATAREQ_NS0_NR0_500_SAPI9 |
| (6) GRR_DATA_IND_TEST     |                   |                               |
|                           | tlli              | TLLI_LOCAL_1                  |
|                           | sdu               | GRRIND_RR_NR1_A0_SAPI9        |
| (7) LL_DATA_CNF           |                   |                               |
|                           | sapi              | LL_SAPI_9                     |
|                           | tlli              | TLLI_LOCAL_1                  |
|                           | reference1        | NOT_USED                      |
| (8) LL_READY_IND          |                   |                               |
|                           | sapi              | LL_SAPI_9                     |
|                           | tlli              | TLLI_LOCAL_1                  |

## History:

|             |    |                                   |
|-------------|----|-----------------------------------|
| 06-Nov-2000 | GS | Initial                           |
| 31-Jan-2002 | GS | GRR suspend/resume handling added |

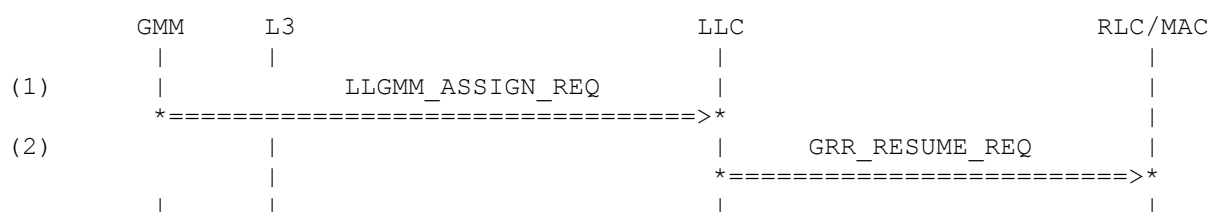
**3.15.19 LLC724: ABM - Suspended; GMM unassigns LLC**

## Description:

LLC is in state suspended and receives from GMM a request to unassign itself. LLC sends a resume request to GRR to indicate resume of normal LLC operation.

## Preamble:

LLC720



## Parametrization:

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | TLLI_LOCAL_1              |
|                      | new_tlli            | LLGMM_TLLI_INVALID        |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |
|                      |                     |                           |
| (2) GRR_RESUME_REQ   |                     |                           |

## History:

|             |    |         |
|-------------|----|---------|
| 01-Feb-2002 | DB | Initial |
|-------------|----|---------|

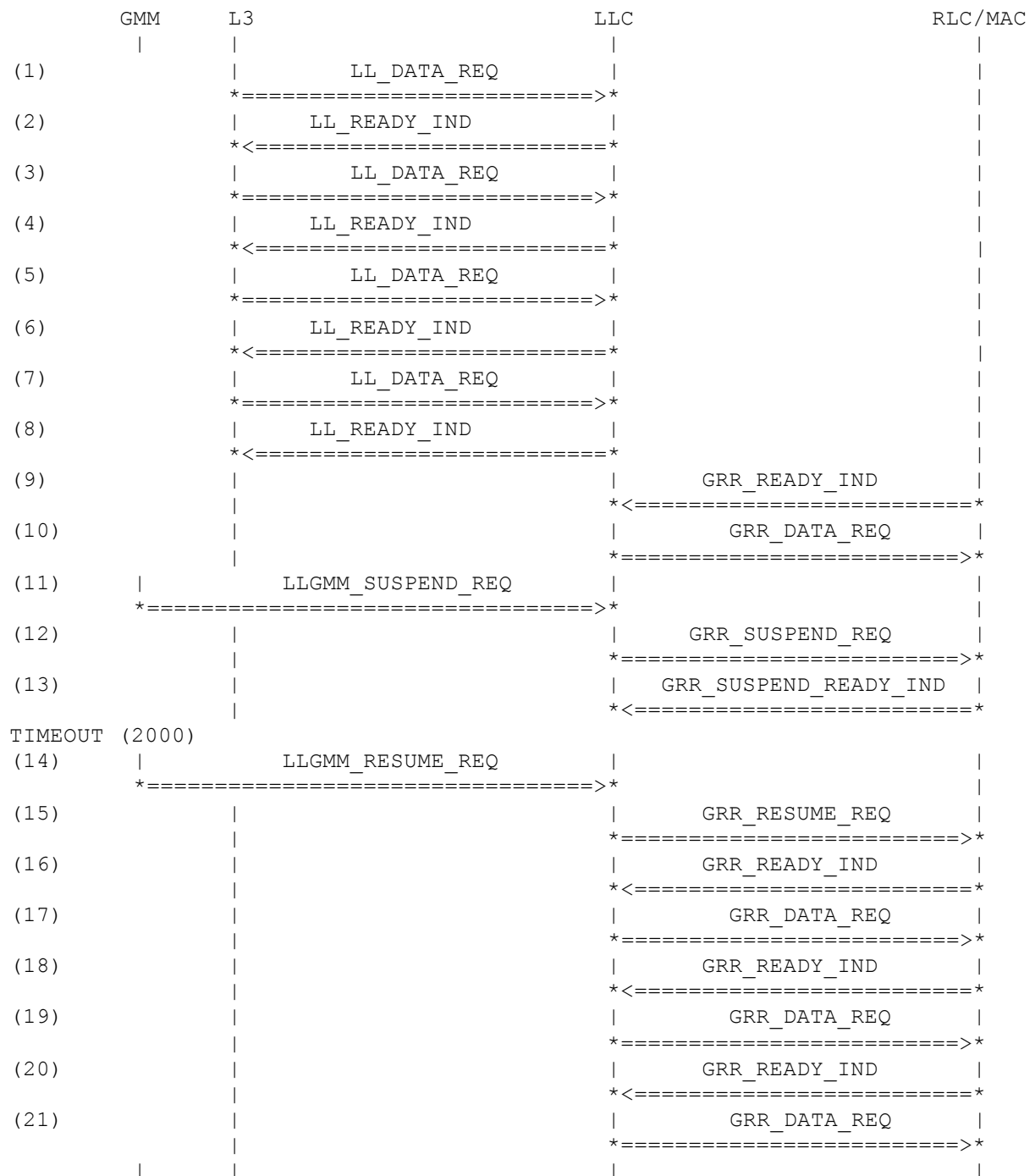
**3.15.20 LLC725: ABM - Suspend and resume of L3 PDU transmission**

## Description:

LLC receives several data requests for acknowledged transmission. RLC/MAC is not ready to receive data. LLC stores the frames and forwards them later with each ready indication from GRR. After a suspend request was received from GMM, forwarding of frames is stopped until the corresponding resume request was received.

## Preamble:

LLC400C

**Parametrization:**

| Primitive       | Parameter          | Value               |
|-----------------|--------------------|---------------------|
| (1) LL_DATA_REQ | sapi               | LL_SAPI_9           |
|                 | tlli               | TLLI_LOCAL_1        |
|                 | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                 | radio_prio         | LL_RADIO_PRIO_3     |
|                 | reserved_data_req1 | NOT_USED            |
|                 | reference1         | NOT_USED            |
|                 | seg_pos            | NOT_USED            |

|                   |                    |                     |
|-------------------|--------------------|---------------------|
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU100        |
| (2) LL_READY_IND  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (3) LL_DATA_REQ   |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU100        |
| (4) LL_READY_IND  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (5) LL_DATA_REQ   |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU100        |
| (6) LL_READY_IND  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (7) LL_DATA_REQ   |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | NOT_USED            |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU100        |
| (8) LL_READY_IND  |                    |                     |
|                   | sapi               | LL_SAPI_9           |
|                   | tlli               | TLLI_LOCAL_1        |
| (9) GRR_READY_IND |                    |                     |



(10) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_9                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKESSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS0_NR0_SAPI9 |

(11) LLGMM\_SUSPEND\_REQ

|            |           |
|------------|-----------|
| susp_cause | LLGMM_RAU |
|------------|-----------|

(12) GRR\_SUSPEND\_REQ

(13) GRR\_SUSPEND\_READY\_IND

(14) LLGMM\_RESUME\_REQ

(15) GRR\_RESUME\_REQ

(16) GRR\_READY\_IND

(17) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_9                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKESSUB         |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS1_NR0_A0_SAPI9 |

(18) GRR\_READY\_IND

(19) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_9                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKESSUB         |
| radio_prio        | GRR_RADIO_PRIO_3             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | GRR_DATAREQ_NS2_NR0_A0_SAPI9 |

(20) GRR\_READY\_IND

(21) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_9                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKESSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS3_NR0_SAPI9 |

## History:

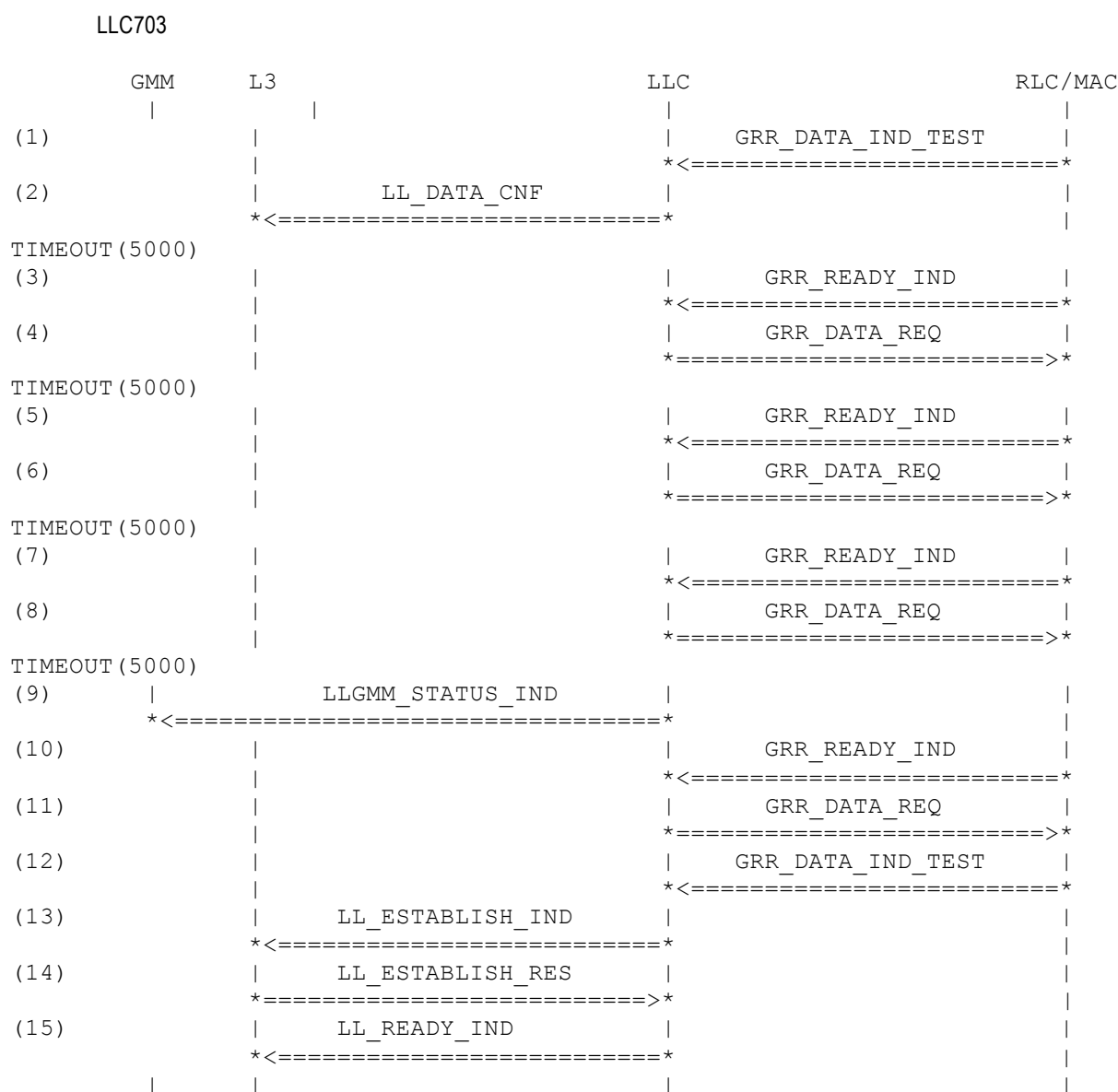
|             |    |                                    |
|-------------|----|------------------------------------|
| 06-Nov-2000 | GS | Initial                            |
| 18-Oct-2001 | GS | Suspension cause added             |
| 30-Jan-2002 | GS | GRR suspend/resume handling added. |

**3.15.21 LLC730: ABM - T201 expires N200 times in state Peer Busy; ABM operation reestablished**

## Description:

LLC receives An RNR frame. T201 expires N200 times. Finally LLC initiate an re-establishment of the connection and sends an SABM command. An status indication including the re-establish cause is send to GMM. After receiving the UA the re-establish is indicated to L3. After receiving the response LLC is back in ABM.

## Preamble:



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                        |  |  |
|------------------------|--|--|
| (1) GRR_DATA_IND_TEST  | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RNR_NR2_SAPI11  |
| (2) LL_DATA_CNF        | sapi<br>tlli<br>reference1   | LL_SAPI_11<br>TLLI_LOCAL_1<br>NOT_USED   |
| (3) GRR_READY_IND      |  |  |
| (4) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR0_A1_SAPI11 |
| (5) GRR_READY_IND      |  |  |
| (6) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR0_A1_SAPI11 |
| (7) GRR_READY_IND      |  |  |
| (8) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR0_A1_SAPI11 |
| (9) LLGMM_STATUS_IND   | error_cause<br>LLGMM_ERRCS_PEER_BUSY_REEST                                 |  |
| (10) GRR_READY_IND     |  |  |
| (11) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI11    |
| (12) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI11  |
| (13) LL_ESTABLISH_IND  | sapi<br>tlli   | LL_SAPI_11<br>TLLI_LOCAL_1   |

|                       |           |                   |
|-----------------------|-----------|-------------------|
|                       | n201_u    | N201_U_DEF_SAPI11 |
|                       | n201_i    | N201_I_DEF        |
|                       | xid_valid | LL_XID_INVALID    |
|                       | sdu       | EMPTY_SDU         |
| (14) LL_ESTABLISH_RES |           |                   |
|                       | sapi      | LL_SAPI_11        |
|                       | tlli      | TLLI_LOCAL_1      |
|                       | xid_valid | LL_XID_INVALID    |
|                       | sdu       | EMPTY_SDU         |
| (15) LL_READY_IND     |           |                   |
|                       | sapi      | LL_SAPI_11        |
|                       | tlli      | TLLI_LOCAL_1      |

## History:

|             |     |  |
|-------------|-----|--|
| 07-Sep-2000 | SLM | Initial  |
| 08-Dec-2000 | GS  | LL_DATA_CNFs joined together to one                    |
| 27-Jun-2001 | GS  | Behaviour changed.                                     |
| 25-Jul-2001 | GS  | Status indication and completion of reestablish added. |
| 05-Dec-2001 | GS  | Flag xid_valid added to LL_ESTABLISH_RES               |

**3.15.22 LLC731: ABM - T201 expires N200 times while waiting for an acknowledge; ABM operation reestablished**

## Description:

T201 expires N200 times while LLC was waiting for an frame acknowledge. Finally LLC initiate an re-establishment of the connection and sends an SABM command. An status indication including the re-establish cause is send to GMM. After receiving the UA the re-establish is inicated to L3. After receiving the response LLC is back in ABM.

## Preamble:

LLC703

| GMM            | L3               | LLC           | RLC/MAC |
|----------------|------------------|---------------|---------|
| (1)            |                  | GRR_READY_IND |         |
| TIMEOUT (5000) |                  | *<=====*      |         |
| (2)            |                  | GRR_DATA_REQ  |         |
| (3)            |                  | *=====>*      |         |
| TIMEOUT (5000) |                  | GRR_READY_IND |         |
| (4)            |                  | *<=====*      |         |
| (5)            |                  | GRR_DATA_REQ  |         |
| TIMEOUT (5000) |                  | *=====>*      |         |
| (6)            |                  | GRR_READY_IND |         |
| (7)            |                  | *<=====*      |         |
| TIMEOUT (5000) |                  |               |         |
| (8)            | LLGMM_STATUS_IND |               |         |
|                | *<=====*         |               |         |
| (9)            |                  | GRR_DATA_REQ  |         |
| (10)           |                  | *=====>*      |         |
| (11)           | LL_ESTABLISH_IND |               |         |
|                | *<=====*         |               |         |
| (12)           | LL_ESTABLISH_RES |               |         |
|                | *=====>*         |               |         |
| (13)           | LL_READY_IND     |               |         |
|                | *<=====*         |               |         |
|                |                  |               |         |

**Parametrization:**

| Primitive         | Parameter         | Value                      |
|-------------------|-------------------|----------------------------|
| (1) GRR_READY_IND |                   |                            |
| (2) GRR_DATA_REQ  | sapi              | LL_SAPI_11                 |
|                   | tlli              | TLLI_LOCAL_1               |
|                   | grr_qos           | GRRREQ_QOS_PEAKEQSUB       |
|                   | radio_prio        | GRR_RADIO_PRIO_3           |
|                   | cause             | GRR_DTACS_DEF              |
|                   | reserved_data_req | NOT_USED                   |
|                   | sdu               | GRR_DATAREQ_NS1_NR0_SAPI11 |
| (3) GRR_READY_IND |                   |                            |
| (4) GRR_DATA_REQ  | sapi              | LL_SAPI_11                 |
|                   | tlli              | TLLI_LOCAL_1               |
|                   | grr_qos           | GRRREQ_QOS_PEAKEQSUB       |
|                   | radio_prio        | GRR_RADIO_PRIO_3           |
|                   | cause             | GRR_DTACS_DEF              |
|                   | reserved_data_req | NOT_USED                   |
|                   | sdu               | GRR_DATAREQ_NS1_NR0_SAPI11 |
| (5) GRR_READY_IND |                   |                            |

## (6) GRR\_DATA\_REQ

|                   |                            |
|-------------------|----------------------------|
| sapi              | LL_SAPI_11                 |
| tlli              | TLLI_LOCAL_1               |
| grr_qos           | GRRREQ_QOS_PEAKEQSUB       |
| radio_prio        | GRR_RADIO_PRIO_3           |
| cause             | GRR_DTACS_DEF              |
| reserved_data_req | NOT_USED                   |
| sdu               | GRR_DATAREQ_NS1_NR0_SAPI11 |

## (7) GRR\_READY\_IND

## (8) LLGMM\_STATUS\_IND

error\_cause  
LLGMM\_ERRCS\_ACK\_NO\_PEER\_RES\_REEST

## (9) GRR\_DATA\_REQ

|                   |                      |
|-------------------|----------------------|
| sapi              | LL_SAPI_11           |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKEQSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | MS_SABM_NOXID_SAPI11 |

## (10) GRR\_DATA\_IND\_TEST

|      |                       |
|------|-----------------------|
| tlli | TLLI_LOCAL_1          |
| sdu  | SGSN_UA1_NOXID_SAPI11 |

## (11) LL\_ESTABLISH\_IND

|           |                   |
|-----------|-------------------|
| sapi      | LL_SAPI_11        |
| tlli      | TLLI_LOCAL_1      |
| n201_u    | N201_U_DEF_SAPI11 |
| n201_i    | N201_I_DEF        |
| xid_valid | LL_XID_INVALID    |
| sdu       | EMPTY_SDU         |

## (12) LL\_ESTABLISH\_RES

|           |                |
|-----------|----------------|
| sapi      | LL_SAPI_11     |
| tlli      | TLLI_LOCAL_1   |
| xid_valid | LL_XID_INVALID |
| sdu       | EMPTY_SDU      |

## (13) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_11   |
| tlli | TLLI_LOCAL_1 |

## History:

|             |    |  |
|-------------|----|--|
| 25-Jul-2001 | GS | Initial.                                 |
| 05-Dec-2001 | GS | Flag xid_valid added to LL_ESTABLISH_RES |

**3.15.23 LLC740: ABM - LLC sends 31 I-Frames per Variant, A-Bit set, get an RR for each**

## Description:

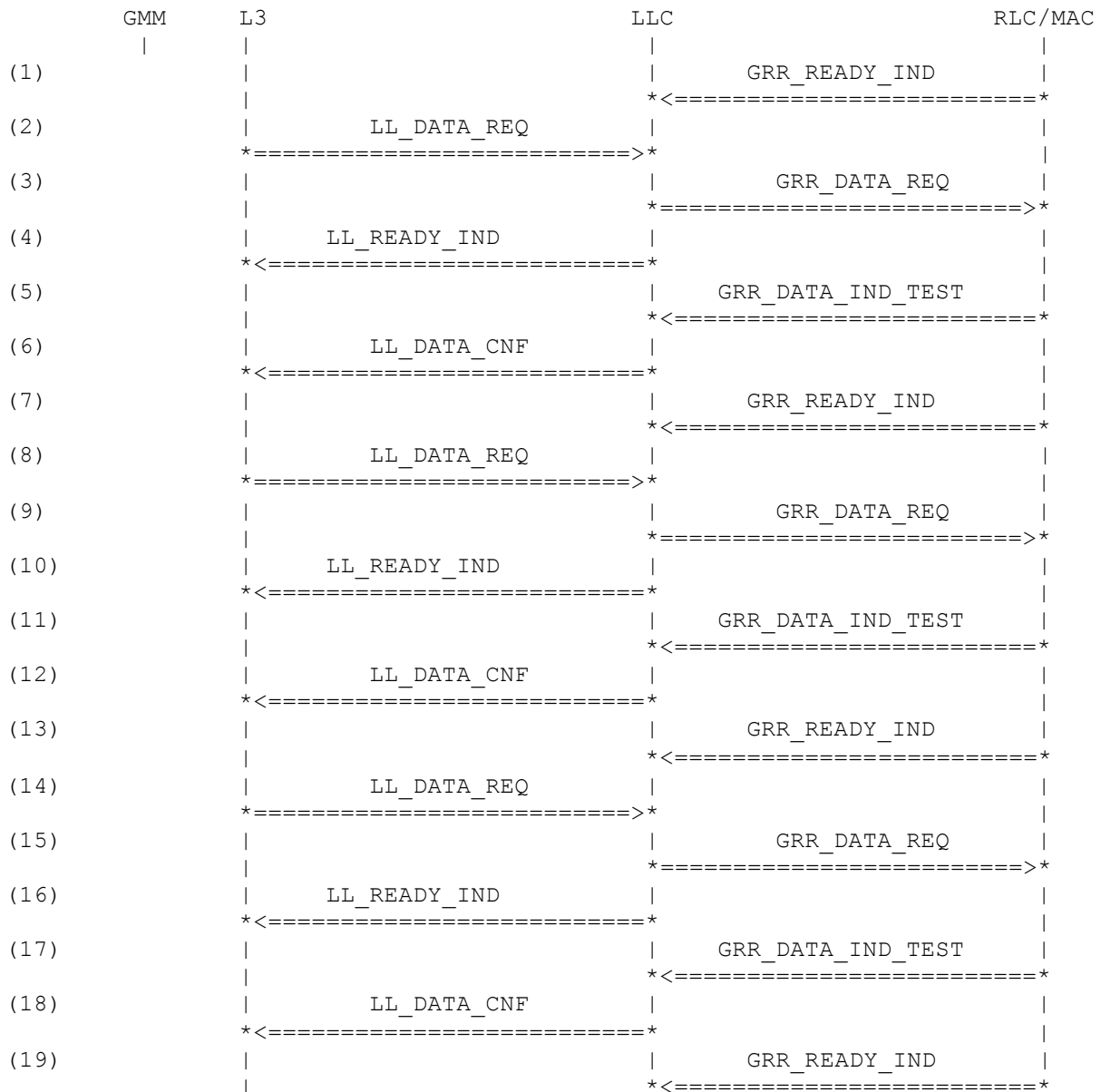
LLC receives between 31 (variant A) to 496 (variant P) L3 SDUs and sends them to the peer entity including in I-frames with the A-Bit set to 1. The Tests starts with N(S)=0. For each I-frame an RR is received from the peer entity.

## Variants:

<A>....<P>

## Preamble:

<A>LLC400A  
 <B>LLC740A  
 <C>LLC740B  
 <D>LLC740C  
 <E>LLC740D  
 <F>LLC740E  
 <G>LLC740F  
 <H>LLC740G  
 <I>LLC740H  
 <J>LLC740I  
 <K>LLC740J  
 <L>LLC740K  
 <M>LLC740L  
 <N>LLC740M  
 <O>LLC740N  
 <P>LLC740O



|      |  |              |  |                   |
|------|--|--------------|--|-------------------|
| (20) |  | LL_DATA_REQ  |  |                   |
|      |  | *=====       |  |                   |
| (21) |  |              |  | GRR_DATA_REQ      |
|      |  |              |  | *=====            |
| (22) |  | LL_READY_IND |  |                   |
|      |  | *<=====      |  |                   |
| (23) |  |              |  | GRR_DATA_IND_TEST |
|      |  |              |  | *<=====           |
| (24) |  | LL_DATA_CNF  |  |                   |
|      |  | *<=====      |  |                   |
| (25) |  |              |  | GRR_READY_IND     |
|      |  |              |  | *<=====           |
| (26) |  | LL_DATA_REQ  |  |                   |
|      |  | *=====       |  |                   |
| (27) |  |              |  | GRR_DATA_REQ      |
|      |  |              |  | *=====            |
| (28) |  | LL_READY_IND |  |                   |
|      |  | *<=====      |  |                   |
| (29) |  |              |  | GRR_DATA_IND_TEST |
|      |  |              |  | *<=====           |
| (30) |  | LL_DATA_CNF  |  |                   |
|      |  | *<=====      |  |                   |
| (31) |  |              |  | GRR_READY_IND     |
|      |  |              |  | *<=====           |
| (32) |  | LL_DATA_REQ  |  |                   |
|      |  | *=====       |  |                   |
| (33) |  |              |  | GRR_DATA_REQ      |
|      |  |              |  | *=====            |
| (34) |  | LL_READY_IND |  |                   |
|      |  | *<=====      |  |                   |
| (35) |  |              |  | GRR_DATA_IND_TEST |
|      |  |              |  | *<=====           |
| (36) |  | LL_DATA_CNF  |  |                   |
|      |  | *<=====      |  |                   |
| (37) |  |              |  | GRR_READY_IND     |
|      |  |              |  | *<=====           |
| (38) |  | LL_DATA_REQ  |  |                   |
|      |  | *=====       |  |                   |
| (39) |  |              |  | GRR_DATA_REQ      |
|      |  |              |  | *=====            |
| (40) |  | LL_READY_IND |  |                   |
|      |  | *<=====      |  |                   |
| (41) |  |              |  | GRR_DATA_IND_TEST |
|      |  |              |  | *<=====           |
| (42) |  | LL_DATA_CNF  |  |                   |
|      |  | *<=====      |  |                   |
| (43) |  |              |  | GRR_READY_IND     |
|      |  |              |  | *<=====           |
| (44) |  | LL_DATA_REQ  |  |                   |
|      |  | *=====       |  |                   |
| (45) |  |              |  | GRR_DATA_REQ      |
|      |  |              |  | *=====            |
| (46) |  | LL_READY_IND |  |                   |
|      |  | *<=====      |  |                   |
| (47) |  |              |  | GRR_DATA_IND_TEST |
|      |  |              |  | *<=====           |
| (48) |  | LL_DATA_CNF  |  |                   |
|      |  | *<=====      |  |                   |
| (49) |  |              |  | GRR_READY_IND     |

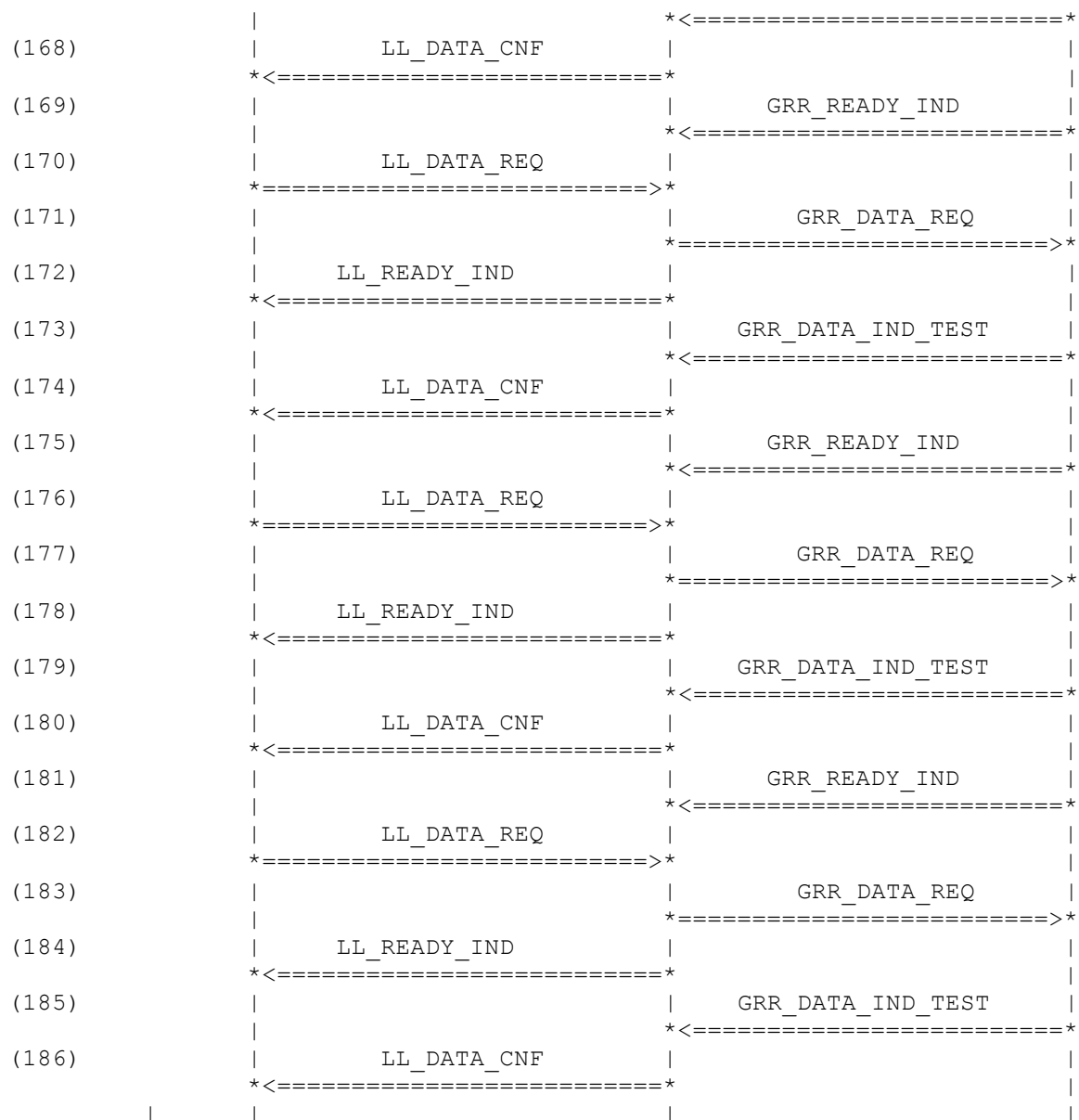


|      |  |              |  |                   |  |
|------|--|--------------|--|-------------------|--|
| (50) |  | LL_DATA_REQ  |  | *<=====*          |  |
|      |  |              |  |                   |  |
| (51) |  |              |  | GRR_DATA_REQ      |  |
|      |  |              |  |                   |  |
| (52) |  | LL_READY_IND |  |                   |  |
|      |  |              |  |                   |  |
| (53) |  |              |  | GRR_DATA_IND_TEST |  |
|      |  |              |  |                   |  |
| (54) |  | LL_DATA_CNF  |  |                   |  |
|      |  |              |  |                   |  |
| (55) |  |              |  | GRR_READY_IND     |  |
|      |  |              |  |                   |  |
| (56) |  | LL_DATA_REQ  |  |                   |  |
|      |  |              |  |                   |  |
| (57) |  |              |  | GRR_DATA_REQ      |  |
|      |  |              |  |                   |  |
| (58) |  | LL_READY_IND |  |                   |  |
|      |  |              |  |                   |  |
| (59) |  |              |  | GRR_DATA_IND_TEST |  |
|      |  |              |  |                   |  |
| (60) |  | LL_DATA_CNF  |  |                   |  |
|      |  |              |  |                   |  |
| (61) |  |              |  | GRR_READY_IND     |  |
|      |  |              |  |                   |  |
| (62) |  | LL_DATA_REQ  |  |                   |  |
|      |  |              |  |                   |  |
| (63) |  |              |  | GRR_DATA_REQ      |  |
|      |  |              |  |                   |  |
| (64) |  | LL_READY_IND |  |                   |  |
|      |  |              |  |                   |  |
| (65) |  |              |  | GRR_DATA_IND_TEST |  |
|      |  |              |  |                   |  |
| (66) |  | LL_DATA_CNF  |  |                   |  |
|      |  |              |  |                   |  |
| (67) |  |              |  | GRR_READY_IND     |  |
|      |  |              |  |                   |  |
| (68) |  | LL_DATA_REQ  |  |                   |  |
|      |  |              |  |                   |  |
| (69) |  |              |  | GRR_DATA_REQ      |  |
|      |  |              |  |                   |  |
| (70) |  | LL_READY_IND |  |                   |  |
|      |  |              |  |                   |  |
| (71) |  |              |  | GRR_DATA_IND_TEST |  |
|      |  |              |  |                   |  |
| (72) |  | LL_DATA_CNF  |  |                   |  |
|      |  |              |  |                   |  |
| (73) |  |              |  | GRR_READY_IND     |  |
|      |  |              |  |                   |  |
| (74) |  | LL_DATA_REQ  |  |                   |  |
|      |  |              |  |                   |  |
| (75) |  |              |  | GRR_DATA_REQ      |  |
|      |  |              |  |                   |  |
| (76) |  | LL_READY_IND |  |                   |  |
|      |  |              |  |                   |  |
| (77) |  |              |  | GRR_DATA_IND_TEST |  |
|      |  |              |  |                   |  |
| (78) |  | LL_DATA_CNF  |  |                   |  |
|      |  |              |  |                   |  |

|       |  |              |                   |  |
|-------|--|--------------|-------------------|--|
| (79)  |  |              | GRR_READY_IND     |  |
|       |  |              | *<=====           |  |
| (80)  |  | LL_DATA_REQ  |                   |  |
|       |  | *=====>      |                   |  |
| (81)  |  |              | GRR_DATA_REQ      |  |
|       |  |              | *=====>           |  |
| (82)  |  | LL_READY_IND |                   |  |
|       |  |              | *<=====           |  |
| (83)  |  |              | GRR_DATA_IND_TEST |  |
|       |  |              | *<=====           |  |
| (84)  |  | LL_DATA_CNF  |                   |  |
|       |  |              | *<=====           |  |
| (85)  |  |              | GRR_READY_IND     |  |
|       |  |              | *<=====           |  |
| (86)  |  | LL_DATA_REQ  |                   |  |
|       |  |              | *=====>           |  |
| (87)  |  |              | GRR_DATA_REQ      |  |
|       |  |              | *=====>           |  |
| (88)  |  | LL_READY_IND |                   |  |
|       |  |              | *<=====           |  |
| (89)  |  |              | GRR_DATA_IND_TEST |  |
|       |  |              | *<=====           |  |
| (90)  |  | LL_DATA_CNF  |                   |  |
|       |  |              | *<=====           |  |
| (91)  |  |              | GRR_READY_IND     |  |
|       |  |              | *<=====           |  |
| (92)  |  | LL_DATA_REQ  |                   |  |
|       |  |              | *=====>           |  |
| (93)  |  |              | GRR_DATA_REQ      |  |
|       |  |              | *=====>           |  |
| (94)  |  | LL_READY_IND |                   |  |
|       |  |              | *<=====           |  |
| (95)  |  |              | GRR_DATA_IND_TEST |  |
|       |  |              | *<=====           |  |
| (96)  |  | LL_DATA_CNF  |                   |  |
|       |  |              | *<=====           |  |
| (97)  |  |              | GRR_READY_IND     |  |
|       |  |              | *<=====           |  |
| (98)  |  | LL_DATA_REQ  |                   |  |
|       |  |              | *=====>           |  |
| (99)  |  |              | GRR_DATA_REQ      |  |
|       |  |              | *=====>           |  |
| (100) |  | LL_READY_IND |                   |  |
|       |  |              | *<=====           |  |
| (101) |  |              | GRR_DATA_IND_TEST |  |
|       |  |              | *<=====           |  |
| (102) |  | LL_DATA_CNF  |                   |  |
|       |  |              | *<=====           |  |
| (103) |  |              | GRR_READY_IND     |  |
|       |  |              | *<=====           |  |
| (104) |  | LL_DATA_REQ  |                   |  |
|       |  |              | *=====>           |  |
| (105) |  |              | GRR_DATA_REQ      |  |
|       |  |              | *=====>           |  |
| (106) |  | LL_READY_IND |                   |  |
|       |  |              | *<=====           |  |
| (107) |  |              | GRR_DATA_IND_TEST |  |
|       |  |              | *<=====           |  |
| (108) |  | LL_DATA_CNF  |                   |  |

|       |  |              |                   |  |
|-------|--|--------------|-------------------|--|
| (109) |  |              | GRR_READY_IND     |  |
| (110) |  | LL_DATA_REQ  |                   |  |
| (111) |  |              | GRR_DATA_REQ      |  |
| (112) |  | LL_READY_IND |                   |  |
| (113) |  |              | GRR_DATA_IND_TEST |  |
| (114) |  | LL_DATA_CNF  |                   |  |
| (115) |  |              | GRR_READY_IND     |  |
| (116) |  | LL_DATA_REQ  |                   |  |
| (117) |  |              | GRR_DATA_REQ      |  |
| (118) |  | LL_READY_IND |                   |  |
| (119) |  |              | GRR_DATA_IND_TEST |  |
| (120) |  | LL_DATA_CNF  |                   |  |
| (121) |  |              | GRR_READY_IND     |  |
| (122) |  | LL_DATA_REQ  |                   |  |
| (123) |  |              | GRR_DATA_REQ      |  |
| (124) |  | LL_READY_IND |                   |  |
| (125) |  |              | GRR_DATA_IND_TEST |  |
| (126) |  | LL_DATA_CNF  |                   |  |
| (127) |  |              | GRR_READY_IND     |  |
| (128) |  | LL_DATA_REQ  |                   |  |
| (129) |  |              | GRR_DATA_REQ      |  |
| (130) |  | LL_READY_IND |                   |  |
| (131) |  |              | GRR_DATA_IND_TEST |  |
| (132) |  | LL_DATA_CNF  |                   |  |
| (133) |  |              | GRR_READY_IND     |  |
| (134) |  | LL_DATA_REQ  |                   |  |
| (135) |  |              | GRR_DATA_REQ      |  |
| (136) |  | LL_READY_IND |                   |  |
| (137) |  |              | GRR_DATA_IND_TEST |  |

|       |  |              |  |                   |  |
|-------|--|--------------|--|-------------------|--|
| (138) |  | LL_DATA_CNF  |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (139) |  |              |  | GRR_READY_IND     |  |
|       |  |              |  | *<=====           |  |
| (140) |  | LL_DATA_REQ  |  |                   |  |
|       |  | *=====       |  |                   |  |
| (141) |  |              |  | GRR_DATA_REQ      |  |
|       |  |              |  | *=====            |  |
| (142) |  | LL_READY_IND |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (143) |  |              |  | GRR_DATA_IND_TEST |  |
|       |  |              |  | *<=====           |  |
| (144) |  | LL_DATA_CNF  |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (145) |  |              |  | GRR_READY_IND     |  |
|       |  |              |  | *<=====           |  |
| (146) |  | LL_DATA_REQ  |  |                   |  |
|       |  | *=====       |  |                   |  |
| (147) |  |              |  | GRR_DATA_REQ      |  |
|       |  |              |  | *=====            |  |
| (148) |  | LL_READY_IND |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (149) |  |              |  | GRR_DATA_IND_TEST |  |
|       |  |              |  | *<=====           |  |
| (150) |  | LL_DATA_CNF  |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (151) |  |              |  | GRR_READY_IND     |  |
|       |  |              |  | *<=====           |  |
| (152) |  | LL_DATA_REQ  |  |                   |  |
|       |  | *=====       |  |                   |  |
| (153) |  |              |  | GRR_DATA_REQ      |  |
|       |  |              |  | *=====            |  |
| (154) |  | LL_READY_IND |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (155) |  |              |  | GRR_DATA_IND_TEST |  |
|       |  |              |  | *<=====           |  |
| (156) |  | LL_DATA_CNF  |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (157) |  |              |  | GRR_READY_IND     |  |
|       |  |              |  | *<=====           |  |
| (158) |  | LL_DATA_REQ  |  |                   |  |
|       |  | *=====       |  |                   |  |
| (159) |  |              |  | GRR_DATA_REQ      |  |
|       |  |              |  | *=====            |  |
| (160) |  | LL_READY_IND |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (161) |  |              |  | GRR_DATA_IND_TEST |  |
|       |  |              |  | *<=====           |  |
| (162) |  | LL_DATA_CNF  |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (163) |  |              |  | GRR_READY_IND     |  |
|       |  |              |  | *<=====           |  |
| (164) |  | LL_DATA_REQ  |  |                   |  |
|       |  | *=====       |  |                   |  |
| (165) |  |              |  | GRR_DATA_REQ      |  |
|       |  |              |  | *=====            |  |
| (166) |  | LL_READY_IND |  |                   |  |
|       |  | *<=====      |  |                   |  |
| (167) |  |              |  | GRR_DATA_IND_TEST |  |

**Parametrization:**

| Primitive         | Parameter          | Value               |
|-------------------|--------------------|---------------------|
| (1) GRR_READY_IND |                    |                     |
| (2) LL_DATA_REQ   |                    |                     |
|                   | sapi               | LL_SAPI_3           |
|                   | tlfi               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | REF_0               |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU3          |

## (3) GRR\_DATA\_REQ

|     |                   |                       |
|-----|-------------------|-----------------------|
|     | sapi              | LL_SAPI_3             |
|     | tlli              | TLLI_LOCAL_1          |
|     | grr_qos           | GRRREQ_QOS_PEAQSUB    |
|     | radio_prio        | GRR_RADIO_PRIO_3      |
|     | cause             | GRR_DTACS_DEF         |
|     | reserved_data_req | NOT_USED              |
| <A> | sdu               | RR_D3_NS0_NR0_A1_S3   |
| <B> | sdu               | RR_D3_NS31_NR0_A1_S3  |
| <C> | sdu               | RR_D3_NS62_NR0_A1_S3  |
| <D> | sdu               | RR_D3_NS93_NR0_A1_S3  |
| <E> | sdu               | RR_D3_NS124_NR0_A1_S3 |
| <F> | sdu               | RR_D3_NS155_NR0_A1_S3 |
| <G> | sdu               | RR_D3_NS186_NR0_A1_S3 |
| <H> | sdu               | RR_D3_NS217_NR0_A1_S3 |
| <I> | sdu               | RR_D3_NS248_NR0_A1_S3 |
| <J> | sdu               | RR_D3_NS279_NR0_A1_S3 |
| <K> | sdu               | RR_D3_NS310_NR0_A1_S3 |
| <L> | sdu               | RR_D3_NS341_NR0_A1_S3 |
| <M> | sdu               | RR_D3_NS372_NR0_A1_S3 |
| <N> | sdu               | RR_D3_NS403_NR0_A1_S3 |
| <O> | sdu               | RR_D3_NS434_NR0_A1_S3 |
| <P> | sdu               | RR_D3_NS465_NR0_A1_S3 |

## (4) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (5) GRR\_DATA\_IND\_TEST

|     |      |                |
|-----|------|----------------|
|     | tlli | TLLI_LOCAL_1   |
| <A> | sdu  | RR_NR1_A0_S3   |
| <B> | sdu  | RR_NR32_A0_S3  |
| <C> | sdu  | RR_NR63_A0_S3  |
| <D> | sdu  | RR_NR94_A0_S3  |
| <E> | sdu  | RR_NR125_A0_S3 |
| <F> | sdu  | RR_NR156_A0_S3 |
| <G> | sdu  | RR_NR187_A0_S3 |
| <H> | sdu  | RR_NR218_A0_S3 |
| <I> | sdu  | RR_NR249_A0_S3 |
| <J> | sdu  | RR_NR280_A0_S3 |
| <K> | sdu  | RR_NR311_A0_S3 |
| <L> | sdu  | RR_NR342_A0_S3 |
| <M> | sdu  | RR_NR373_A0_S3 |
| <N> | sdu  | RR_NR404_A0_S3 |
| <O> | sdu  | RR_NR435_A0_S3 |
| <P> | sdu  | RR_NR466_A0_S3 |

## (6) LL\_DATA\_CNF

|            |              |
|------------|--------------|
| sapi       | LL_SAPI_3    |
| tlli       | TLLI_LOCAL_1 |
| reference1 | A_REF_0      |

## (7) GRR\_READY\_IND

## (8) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |

|                  |                    |                       |
|------------------|--------------------|-----------------------|
|                  | reference1         | REF_1                 |
|                  | seg_pos            | NOT_USED              |
|                  | attached_counter   | LLC_NO_ATTACHE        |
|                  | reserved_data_req4 | NOT_USED              |
|                  | reserved_data_req5 | NOT_USED              |
|                  | sdu                | LLREQ_SDU3            |
| (9) GRR_DATA_REQ |                    |                       |
|                  | sapi               | LL_SAPI_3             |
|                  | tlli               | TLLI_LOCAL_1          |
|                  | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|                  | radio_prio         | GRR_RADIO_PRIO_3      |
|                  | cause              | GRR_DTACS_DEF         |
|                  | reserved_data_req  | NOT_USED              |
| <A>              | sdu                | RR_D3_NS1_NR0_A1_S3   |
| <B>              | sdu                | RR_D3_NS32_NR0_A1_S3  |
| <C>              | sdu                | RR_D3_NS63_NR0_A1_S3  |
| <D>              | sdu                | RR_D3_NS94_NR0_A1_S3  |
| <E>              | sdu                | RR_D3_NS125_NR0_A1_S3 |
| <F>              | sdu                | RR_D3_NS156_NR0_A1_S3 |
| <G>              | sdu                | RR_D3_NS187_NR0_A1_S3 |
| <H>              | sdu                | RR_D3_NS218_NR0_A1_S3 |
| <I>              | sdu                | RR_D3_NS249_NR0_A1_S3 |
| <J>              | sdu                | RR_D3_NS280_NR0_A1_S3 |
| <K>              | sdu                | RR_D3_NS311_NR0_A1_S3 |
| <L>              | sdu                | RR_D3_NS342_NR0_A1_S3 |
| <M>              | sdu                | RR_D3_NS373_NR0_A1_S3 |
| <N>              | sdu                | RR_D3_NS404_NR0_A1_S3 |
| <O>              | sdu                | RR_D3_NS435_NR0_A1_S3 |
| <P>              | sdu                | RR_D3_NS466_NR0_A1_S3 |
| (10)             | LL_READY_IND       |                       |
|                  | sapi               | LL_SAPI_3             |
|                  | tlli               | TLLI_LOCAL_1          |
| (11)             | GRR_DATA_IND_TEST  |                       |
|                  | tlli               | TLLI_LOCAL_1          |
| <A>              | sdu                | RR_NR2_A0_S3          |
| <B>              | sdu                | RR_NR33_A0_S3         |
| <C>              | sdu                | RR_NR64_A0_S3         |
| <D>              | sdu                | RR_NR95_A0_S3         |
| <E>              | sdu                | RR_NR126_A0_S3        |
| <F>              | sdu                | RR_NR157_A0_S3        |
| <G>              | sdu                | RR_NR188_A0_S3        |
| <H>              | sdu                | RR_NR219_A0_S3        |
| <I>              | sdu                | RR_NR250_A0_S3        |
| <J>              | sdu                | RR_NR281_A0_S3        |
| <K>              | sdu                | RR_NR312_A0_S3        |
| <L>              | sdu                | RR_NR343_A0_S3        |
| <M>              | sdu                | RR_NR374_A0_S3        |
| <N>              | sdu                | RR_NR405_A0_S3        |
| <O>              | sdu                | RR_NR436_A0_S3        |
| <P>              | sdu                | RR_NR467_A0_S3        |
| (12)             | LL_DATA_CNF        |                       |
|                  | sapi               | LL_SAPI_3             |
|                  | tlli               | TLLI_LOCAL_1          |
|                  | reference1         | A_REF_1               |
| (13)             | GRR_READY_IND      |                       |

|      |                    |                       |
|------|--------------------|-----------------------|
| (14) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_2                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (15) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | <A>                | RR_D3_NS2_NR0_A1_S3   |
|      | <B>                | RR_D3_NS33_NR0_A1_S3  |
|      | <C>                | RR_D3_NS64_NR0_A1_S3  |
|      | <D>                | RR_D3_NS95_NR0_A1_S3  |
|      | <E>                | RR_D3_NS126_NR0_A1_S3 |
|      | <F>                | RR_D3_NS157_NR0_A1_S3 |
|      | <G>                | RR_D3_NS188_NR0_A1_S3 |
|      | <H>                | RR_D3_NS219_NR0_A1_S3 |
|      | <I>                | RR_D3_NS250_NR0_A1_S3 |
|      | <J>                | RR_D3_NS281_NR0_A1_S3 |
|      | <K>                | RR_D3_NS312_NR0_A1_S3 |
|      | <L>                | RR_D3_NS343_NR0_A1_S3 |
|      | <M>                | RR_D3_NS374_NR0_A1_S3 |
|      | <N>                | RR_D3_NS405_NR0_A1_S3 |
|      | <O>                | RR_D3_NS436_NR0_A1_S3 |
|      | <P>                | RR_D3_NS467_NR0_A1_S3 |
| (16) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (17) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | <A>                | RR_NR3_A0_S3          |
|      | <B>                | RR_NR34_A0_S3         |
|      | <C>                | RR_NR65_A0_S3         |
|      | <D>                | RR_NR96_A0_S3         |
|      | <E>                | RR_NR127_A0_S3        |
|      | <F>                | RR_NR158_A0_S3        |
|      | <G>                | RR_NR189_A0_S3        |
|      | <H>                | RR_NR220_A0_S3        |
|      | <I>                | RR_NR251_A0_S3        |
|      | <J>                | RR_NR282_A0_S3        |
|      | <K>                | RR_NR313_A0_S3        |
|      | <L>                | RR_NR344_A0_S3        |
|      | <M>                | RR_NR375_A0_S3        |
|      | <N>                | RR_NR406_A0_S3        |
|      | <O>                | RR_NR437_A0_S3        |
|      | <P>                | RR_NR468_A0_S3        |



|      |                    |                       |
|------|--------------------|-----------------------|
| (18) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_2               |
| (19) | GRR_READY_IND      |                       |
| (20) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_3                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (21) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS3_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS34_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS65_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS96_NR0_A1_S3  |
| <E>  | sdu                | RR_D3_NS127_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS158_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS189_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS220_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS251_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS282_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS313_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS344_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS375_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS406_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS437_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS468_NR0_A1_S3 |
| (22) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (23) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR4_A0_S3          |
| <B>  | sdu                | RR_NR35_A0_S3         |
| <C>  | sdu                | RR_NR66_A0_S3         |
| <D>  | sdu                | RR_NR97_A0_S3         |
| <E>  | sdu                | RR_NR128_A0_S3        |
| <F>  | sdu                | RR_NR159_A0_S3        |
| <G>  | sdu                | RR_NR190_A0_S3        |
| <H>  | sdu                | RR_NR221_A0_S3        |
| <I>  | sdu                | RR_NR252_A0_S3        |
| <J>  | sdu                | RR_NR283_A0_S3        |

|      |                    |                       |
|------|--------------------|-----------------------|
| <K>  | sdu                | RR_NR314_A0_S3        |
| <L>  | sdu                | RR_NR345_A0_S3        |
| <M>  | sdu                | RR_NR376_A0_S3        |
| <N>  | sdu                | RR_NR407_A0_S3        |
| <O>  | sdu                | RR_NR438_A0_S3        |
| <P>  | sdu                | RR_NR469_A0_S3        |
| (24) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_3               |
| (25) | GRR_READY_IND      |                       |
| (26) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_4                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (27) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKEB     |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS4_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS35_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS66_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS97_NR0_A1_S3  |
| <E>  | sdu                | RR_D3_NS128_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS159_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS190_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS221_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS252_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS283_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS314_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS345_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS376_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS407_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS438_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS469_NR0_A1_S3 |
| (28) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (29) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR5_A0_S3          |
| <B>  | sdu                | RR_NR36_A0_S3         |
| <C>  | sdu                | RR_NR67_A0_S3         |
| <D>  | sdu                | RR_NR98_A0_S3         |

|      |                    |                       |
|------|--------------------|-----------------------|
| <E>  | sdu                | RR_NR129_A0_S3        |
| <F>  | sdu                | RR_NR160_A0_S3        |
| <G>  | sdu                | RR_NR191_A0_S3        |
| <H>  | sdu                | RR_NR222_A0_S3        |
| <I>  | sdu                | RR_NR253_A0_S3        |
| <J>  | sdu                | RR_NR284_A0_S3        |
| <K>  | sdu                | RR_NR315_A0_S3        |
| <L>  | sdu                | RR_NR346_A0_S3        |
| <M>  | sdu                | RR_NR377_A0_S3        |
| <N>  | sdu                | RR_NR408_A0_S3        |
| <O>  | sdu                | RR_NR439_A0_S3        |
| <P>  | sdu                | RR_NR470_A0_S3        |
| (30) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_4               |
| (31) | GRR_READY_IND      |                       |
| (32) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_5                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (33) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS5_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS36_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS67_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS98_NR0_A1_S3  |
| <E>  | sdu                | RR_D3_NS129_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS160_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS191_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS222_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS253_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS284_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS315_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS346_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS377_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS408_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS439_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS470_NR0_A1_S3 |
| (34) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |

|      |                    |                       |
|------|--------------------|-----------------------|
| (35) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR6_A0_S3          |
| <B>  | sdu                | RR_NR37_A0_S3         |
| <C>  | sdu                | RR_NR68_A0_S3         |
| <D>  | sdu                | RR_NR99_A0_S3         |
| <E>  | sdu                | RR_NR130_A0_S3        |
| <F>  | sdu                | RR_NR161_A0_S3        |
| <G>  | sdu                | RR_NR192_A0_S3        |
| <H>  | sdu                | RR_NR223_A0_S3        |
| <I>  | sdu                | RR_NR254_A0_S3        |
| <J>  | sdu                | RR_NR285_A0_S3        |
| <K>  | sdu                | RR_NR316_A0_S3        |
| <L>  | sdu                | RR_NR347_A0_S3        |
| <M>  | sdu                | RR_NR378_A0_S3        |
| <N>  | sdu                | RR_NR409_A0_S3        |
| <O>  | sdu                | RR_NR440_A0_S3        |
| <P>  | sdu                | RR_NR471_A0_S3        |
| (36) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_5               |
| (37) | GRR_READY_IND      |                       |
| (38) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_6                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (39) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS6_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS37_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS68_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS99_NR0_A1_S3  |
| <E>  | sdu                | RR_D3_NS130_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS161_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS192_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS223_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS254_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS285_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS316_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS347_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS378_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS409_NR0_A1_S3 |

|      |                    |                       |
|------|--------------------|-----------------------|
| <O>  | sdu                | RR_D3_NS440_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS471_NR0_A1_S3 |
| (40) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (41) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR7_A0_S3          |
| <B>  | sdu                | RR_NR38_A0_S3         |
| <C>  | sdu                | RR_NR69_A0_S3         |
| <D>  | sdu                | RR_NR100_A0_S3        |
| <E>  | sdu                | RR_NR131_A0_S3        |
| <F>  | sdu                | RR_NR162_A0_S3        |
| <G>  | sdu                | RR_NR193_A0_S3        |
| <H>  | sdu                | RR_NR224_A0_S3        |
| <I>  | sdu                | RR_NR255_A0_S3        |
| <J>  | sdu                | RR_NR286_A0_S3        |
| <K>  | sdu                | RR_NR317_A0_S3        |
| <L>  | sdu                | RR_NR348_A0_S3        |
| <M>  | sdu                | RR_NR379_A0_S3        |
| <N>  | sdu                | RR_NR410_A0_S3        |
| <O>  | sdu                | RR_NR441_A0_S3        |
| <P>  | sdu                | RR_NR472_A0_S3        |
| (42) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_6               |
| (43) | GRR_READY_IND      |                       |
| (44) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_7                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (45) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS7_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS38_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS69_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS100_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS131_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS162_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS193_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS224_NR0_A1_S3 |

|      |                    |                       |
|------|--------------------|-----------------------|
| <I>  | sdu                | RR_D3_NS255_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS286_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS317_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS348_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS379_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS410_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS441_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS472_NR0_A1_S3 |
| (46) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (47) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR8_A0_S3          |
| <B>  | sdu                | RR_NR39_A0_S3         |
| <C>  | sdu                | RR_NR70_A0_S3         |
| <D>  | sdu                | RR_NR101_A0_S3        |
| <E>  | sdu                | RR_NR132_A0_S3        |
| <F>  | sdu                | RR_NR163_A0_S3        |
| <G>  | sdu                | RR_NR194_A0_S3        |
| <H>  | sdu                | RR_NR225_A0_S3        |
| <I>  | sdu                | RR_NR256_A0_S3        |
| <J>  | sdu                | RR_NR287_A0_S3        |
| <K>  | sdu                | RR_NR318_A0_S3        |
| <L>  | sdu                | RR_NR349_A0_S3        |
| <M>  | sdu                | RR_NR380_A0_S3        |
| <N>  | sdu                | RR_NR411_A0_S3        |
| <O>  | sdu                | RR_NR442_A0_S3        |
| <P>  | sdu                | RR_NR473_A0_S3        |
| (48) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_7               |
| (49) | GRR_READY_IND      |                       |
| (50) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_8                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (51) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKEB     |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS8_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS39_NR0_A1_S3  |

|      |                    |                       |
|------|--------------------|-----------------------|
| <C>  | sdu                | RR_D3_NS70_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS101_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS132_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS163_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS194_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS225_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS256_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS287_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS318_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS349_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS380_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS411_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS442_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS473_NR0_A1_S3 |
| (52) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (53) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR9_A0_S3          |
| <B>  | sdu                | RR_NR40_A0_S3         |
| <C>  | sdu                | RR_NR71_A0_S3         |
| <D>  | sdu                | RR_NR102_A0_S3        |
| <E>  | sdu                | RR_NR133_A0_S3        |
| <F>  | sdu                | RR_NR164_A0_S3        |
| <G>  | sdu                | RR_NR195_A0_S3        |
| <H>  | sdu                | RR_NR226_A0_S3        |
| <I>  | sdu                | RR_NR257_A0_S3        |
| <J>  | sdu                | RR_NR288_A0_S3        |
| <K>  | sdu                | RR_NR319_A0_S3        |
| <L>  | sdu                | RR_NR350_A0_S3        |
| <M>  | sdu                | RR_NR381_A0_S3        |
| <N>  | sdu                | RR_NR412_A0_S3        |
| <O>  | sdu                | RR_NR443_A0_S3        |
| <P>  | sdu                | RR_NR474_A0_S3        |
| (54) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_8               |
| (55) | GRR_READY_IND      |                       |
| (56) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_9                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (57) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS9_NR0_A1_S3   |
| <B>  | sdu                | RR_D3_NS40_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS71_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS102_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS133_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS164_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS195_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS226_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS257_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS288_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS319_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS350_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS381_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS412_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS443_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS474_NR0_A1_S3 |
| (58) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (59) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR10_A0_S3         |
| <B>  | sdu                | RR_NR41_A0_S3         |
| <C>  | sdu                | RR_NR72_A0_S3         |
| <D>  | sdu                | RR_NR103_A0_S3        |
| <E>  | sdu                | RR_NR134_A0_S3        |
| <F>  | sdu                | RR_NR165_A0_S3        |
| <G>  | sdu                | RR_NR196_A0_S3        |
| <H>  | sdu                | RR_NR227_A0_S3        |
| <I>  | sdu                | RR_NR258_A0_S3        |
| <J>  | sdu                | RR_NR289_A0_S3        |
| <K>  | sdu                | RR_NR320_A0_S3        |
| <L>  | sdu                | RR_NR351_A0_S3        |
| <M>  | sdu                | RR_NR382_A0_S3        |
| <N>  | sdu                | RR_NR413_A0_S3        |
| <O>  | sdu                | RR_NR444_A0_S3        |
| <P>  | sdu                | RR_NR475_A0_S3        |
| (60) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_9               |
| (61) | GRR_READY_IND      |                       |
| (62) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_10                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |



|      |                    |                       |
|------|--------------------|-----------------------|
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (63) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS10_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS41_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS72_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS103_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS134_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS165_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS196_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS227_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS258_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS289_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS320_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS351_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS382_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS413_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS444_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS475_NR0_A1_S3 |
| (64) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (65) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR11_A0_S3         |
| <B>  | sdu                | RR_NR42_A0_S3         |
| <C>  | sdu                | RR_NR73_A0_S3         |
| <D>  | sdu                | RR_NR104_A0_S3        |
| <E>  | sdu                | RR_NR135_A0_S3        |
| <F>  | sdu                | RR_NR166_A0_S3        |
| <G>  | sdu                | RR_NR197_A0_S3        |
| <H>  | sdu                | RR_NR228_A0_S3        |
| <I>  | sdu                | RR_NR259_A0_S3        |
| <J>  | sdu                | RR_NR290_A0_S3        |
| <K>  | sdu                | RR_NR321_A0_S3        |
| <L>  | sdu                | RR_NR352_A0_S3        |
| <M>  | sdu                | RR_NR383_A0_S3        |
| <N>  | sdu                | RR_NR414_A0_S3        |
| <O>  | sdu                | RR_NR445_A0_S3        |
| <P>  | sdu                | RR_NR476_A0_S3        |
| (66) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_10              |
| (67) | GRR_READY_IND      |                       |
| (68) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_11                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (69) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS11_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS42_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS73_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS104_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS135_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS166_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS197_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS228_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS259_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS290_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS321_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS352_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS383_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS414_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS445_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS476_NR0_A1_S3 |
| (70) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (71) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR12_A0_S3         |
| <B>  | sdu                | RR_NR43_A0_S3         |
| <C>  | sdu                | RR_NR74_A0_S3         |
| <D>  | sdu                | RR_NR105_A0_S3        |
| <E>  | sdu                | RR_NR136_A0_S3        |
| <F>  | sdu                | RR_NR167_A0_S3        |
| <G>  | sdu                | RR_NR198_A0_S3        |
| <H>  | sdu                | RR_NR229_A0_S3        |
| <I>  | sdu                | RR_NR260_A0_S3        |
| <J>  | sdu                | RR_NR291_A0_S3        |
| <K>  | sdu                | RR_NR322_A0_S3        |
| <L>  | sdu                | RR_NR353_A0_S3        |
| <M>  | sdu                | RR_NR384_A0_S3        |
| <N>  | sdu                | RR_NR415_A0_S3        |
| <O>  | sdu                | RR_NR446_A0_S3        |
| <P>  | sdu                | RR_NR477_A0_S3        |
| (72) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_11              |
| (73) | GRR_READY_IND      |                       |
| (74) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_12                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (75) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS12_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS43_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS74_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS105_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS136_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS167_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS198_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS229_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS260_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS291_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS322_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS353_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS384_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS415_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS446_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS477_NR0_A1_S3 |
| (76) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (77) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR13_A0_S3         |
| <B>  | sdu                | RR_NR44_A0_S3         |
| <C>  | sdu                | RR_NR75_A0_S3         |
| <D>  | sdu                | RR_NR106_A0_S3        |
| <E>  | sdu                | RR_NR137_A0_S3        |
| <F>  | sdu                | RR_NR168_A0_S3        |
| <G>  | sdu                | RR_NR199_A0_S3        |
| <H>  | sdu                | RR_NR230_A0_S3        |
| <I>  | sdu                | RR_NR261_A0_S3        |
| <J>  | sdu                | RR_NR292_A0_S3        |
| <K>  | sdu                | RR_NR323_A0_S3        |
| <L>  | sdu                | RR_NR354_A0_S3        |

|      |                    |                       |
|------|--------------------|-----------------------|
| <M>  | sdu                | RR_NR385_A0_S3        |
| <N>  | sdu                | RR_NR416_A0_S3        |
| <O>  | sdu                | RR_NR447_A0_S3        |
| <P>  | sdu                | RR_NR478_A0_S3        |
| (78) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_12              |
| (79) | GRR_READY_IND      |                       |
| (80) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_13                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (81) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS13_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS44_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS75_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS106_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS137_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS168_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS199_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS230_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS261_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS292_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS323_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS354_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS385_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS416_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS447_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS478_NR0_A1_S3 |
| (82) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (83) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR14_A0_S3         |
| <B>  | sdu                | RR_NR45_A0_S3         |
| <C>  | sdu                | RR_NR76_A0_S3         |
| <D>  | sdu                | RR_NR107_A0_S3        |
| <E>  | sdu                | RR_NR138_A0_S3        |
| <F>  | sdu                | RR_NR169_A0_S3        |

|      |                    |                       |
|------|--------------------|-----------------------|
| <G>  | sdu                | RR_NR200_A0_S3        |
| <H>  | sdu                | RR_NR231_A0_S3        |
| <I>  | sdu                | RR_NR262_A0_S3        |
| <J>  | sdu                | RR_NR293_A0_S3        |
| <K>  | sdu                | RR_NR324_A0_S3        |
| <L>  | sdu                | RR_NR355_A0_S3        |
| <M>  | sdu                | RR_NR386_A0_S3        |
| <N>  | sdu                | RR_NR417_A0_S3        |
| <O>  | sdu                | RR_NR448_A0_S3        |
| <P>  | sdu                | RR_NR479_A0_S3        |
| (84) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_13              |
| (85) | GRR_READY_IND      |                       |
| (86) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_14                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (87) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS14_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS45_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS76_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS107_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS138_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS169_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS200_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS231_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS262_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS293_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS324_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS355_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS386_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS417_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS448_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS479_NR0_A1_S3 |
| (88) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (89) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |

|      |                    |                       |
|------|--------------------|-----------------------|
| <A>  | sdu                | RR_NR15_A0_S3         |
| <B>  | sdu                | RR_NR46_A0_S3         |
| <C>  | sdu                | RR_NR77_A0_S3         |
| <D>  | sdu                | RR_NR108_A0_S3        |
| <E>  | sdu                | RR_NR139_A0_S3        |
| <F>  | sdu                | RR_NR170_A0_S3        |
| <G>  | sdu                | RR_NR201_A0_S3        |
| <H>  | sdu                | RR_NR232_A0_S3        |
| <I>  | sdu                | RR_NR263_A0_S3        |
| <J>  | sdu                | RR_NR294_A0_S3        |
| <K>  | sdu                | RR_NR325_A0_S3        |
| <L>  | sdu                | RR_NR356_A0_S3        |
| <M>  | sdu                | RR_NR387_A0_S3        |
| <N>  | sdu                | RR_NR418_A0_S3        |
| <O>  | sdu                | RR_NR449_A0_S3        |
| <P>  | sdu                | RR_NR480_A0_S3        |
| (90) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_14              |
| (91) | GRR_READY_IND      |                       |
| (92) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_15                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (93) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKEB     |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS15_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS46_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS77_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS108_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS139_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS170_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS201_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS232_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS263_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS294_NR0_A1_S3 |
| <K>  | sdu                | RR_D3_NS325_NR0_A1_S3 |
| <L>  | sdu                | RR_D3_NS356_NR0_A1_S3 |
| <M>  | sdu                | RR_D3_NS387_NR0_A1_S3 |
| <N>  | sdu                | RR_D3_NS418_NR0_A1_S3 |
| <O>  | sdu                | RR_D3_NS449_NR0_A1_S3 |
| <P>  | sdu                | RR_D3_NS480_NR0_A1_S3 |

|      |                    |                       |
|------|--------------------|-----------------------|
| (94) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (95) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
| <A>  | sdu                | RR_NR16_A0_S3         |
| <B>  | sdu                | RR_NR47_A0_S3         |
| <C>  | sdu                | RR_NR78_A0_S3         |
| <D>  | sdu                | RR_NR109_A0_S3        |
| <E>  | sdu                | RR_NR140_A0_S3        |
| <F>  | sdu                | RR_NR171_A0_S3        |
| <G>  | sdu                | RR_NR202_A0_S3        |
| <H>  | sdu                | RR_NR233_A0_S3        |
| <I>  | sdu                | RR_NR264_A0_S3        |
| <J>  | sdu                | RR_NR295_A0_S3        |
| <K>  | sdu                | RR_NR326_A0_S3        |
| <L>  | sdu                | RR_NR357_A0_S3        |
| <M>  | sdu                | RR_NR388_A0_S3        |
| <N>  | sdu                | RR_NR419_A0_S3        |
| <O>  | sdu                | RR_NR450_A0_S3        |
| <P>  | sdu                | RR_NR481_A0_S3        |
| (96) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_15              |
| (97) | GRR_READY_IND      |                       |
| (98) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_16                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (99) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
| <A>  | sdu                | RR_D3_NS16_NR0_A1_S3  |
| <B>  | sdu                | RR_D3_NS47_NR0_A1_S3  |
| <C>  | sdu                | RR_D3_NS78_NR0_A1_S3  |
| <D>  | sdu                | RR_D3_NS109_NR0_A1_S3 |
| <E>  | sdu                | RR_D3_NS140_NR0_A1_S3 |
| <F>  | sdu                | RR_D3_NS171_NR0_A1_S3 |
| <G>  | sdu                | RR_D3_NS202_NR0_A1_S3 |
| <H>  | sdu                | RR_D3_NS233_NR0_A1_S3 |
| <I>  | sdu                | RR_D3_NS264_NR0_A1_S3 |
| <J>  | sdu                | RR_D3_NS295_NR0_A1_S3 |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <K>   | sdu                | RR_D3_NS326_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS357_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS388_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS419_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS450_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS481_NR0_A1_S3 |
| (100) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (101) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR17_A0_S3         |
| <B>   | sdu                | RR_NR48_A0_S3         |
| <C>   | sdu                | RR_NR79_A0_S3         |
| <D>   | sdu                | RR_NR110_A0_S3        |
| <E>   | sdu                | RR_NR141_A0_S3        |
| <F>   | sdu                | RR_NR172_A0_S3        |
| <G>   | sdu                | RR_NR203_A0_S3        |
| <H>   | sdu                | RR_NR234_A0_S3        |
| <I>   | sdu                | RR_NR265_A0_S3        |
| <J>   | sdu                | RR_NR296_A0_S3        |
| <K>   | sdu                | RR_NR327_A0_S3        |
| <L>   | sdu                | RR_NR358_A0_S3        |
| <M>   | sdu                | RR_NR389_A0_S3        |
| <N>   | sdu                | RR_NR420_A0_S3        |
| <O>   | sdu                | RR_NR451_A0_S3        |
| <P>   | sdu                | RR_NR482_A0_S3        |
| (102) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_16              |
| (103) | GRR_READY_IND      |                       |
| (104) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_17                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (105) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS17_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS48_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS79_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS110_NR0_A1_S3 |



|       |                    |                       |
|-------|--------------------|-----------------------|
| <E>   | sdu                | RR_D3_NS141_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS172_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS203_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS234_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS265_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS296_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS327_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS358_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS389_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS420_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS451_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS482_NR0_A1_S3 |
| (106) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (107) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR18_A0_S3         |
| <B>   | sdu                | RR_NR49_A0_S3         |
| <C>   | sdu                | RR_NR80_A0_S3         |
| <D>   | sdu                | RR_NR111_A0_S3        |
| <E>   | sdu                | RR_NR142_A0_S3        |
| <F>   | sdu                | RR_NR173_A0_S3        |
| <G>   | sdu                | RR_NR204_A0_S3        |
| <H>   | sdu                | RR_NR235_A0_S3        |
| <I>   | sdu                | RR_NR266_A0_S3        |
| <J>   | sdu                | RR_NR297_A0_S3        |
| <K>   | sdu                | RR_NR328_A0_S3        |
| <L>   | sdu                | RR_NR359_A0_S3        |
| <M>   | sdu                | RR_NR390_A0_S3        |
| <N>   | sdu                | RR_NR421_A0_S3        |
| <O>   | sdu                | RR_NR452_A0_S3        |
| <P>   | sdu                | RR_NR483_A0_S3        |
| (108) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_17              |
| (109) | GRR_READY_IND      |                       |
| (110) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_18                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (111) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEKSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS18_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS49_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS80_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS111_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS142_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS173_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS204_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS235_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS266_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS297_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS328_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS359_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS390_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS421_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS452_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS483_NR0_A1_S3 |
| (112) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (113) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR19_A0_S3         |
| <B>   | sdu                | RR_NR50_A0_S3         |
| <C>   | sdu                | RR_NR81_A0_S3         |
| <D>   | sdu                | RR_NR112_A0_S3        |
| <E>   | sdu                | RR_NR143_A0_S3        |
| <F>   | sdu                | RR_NR174_A0_S3        |
| <G>   | sdu                | RR_NR205_A0_S3        |
| <H>   | sdu                | RR_NR236_A0_S3        |
| <I>   | sdu                | RR_NR267_A0_S3        |
| <J>   | sdu                | RR_NR298_A0_S3        |
| <K>   | sdu                | RR_NR329_A0_S3        |
| <L>   | sdu                | RR_NR360_A0_S3        |
| <M>   | sdu                | RR_NR391_A0_S3        |
| <N>   | sdu                | RR_NR422_A0_S3        |
| <O>   | sdu                | RR_NR453_A0_S3        |
| <P>   | sdu                | RR_NR484_A0_S3        |
| (114) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_18              |
| (115) | GRR_READY_IND      |                       |
| (116) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_19                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (117) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS19_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS50_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS81_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS112_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS143_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS174_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS205_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS236_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS267_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS298_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS329_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS360_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS391_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS422_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS453_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS484_NR0_A1_S3 |
| (118) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (119) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR20_A0_S3         |
| <B>   | sdu                | RR_NR51_A0_S3         |
| <C>   | sdu                | RR_NR82_A0_S3         |
| <D>   | sdu                | RR_NR113_A0_S3        |
| <E>   | sdu                | RR_NR144_A0_S3        |
| <F>   | sdu                | RR_NR175_A0_S3        |
| <G>   | sdu                | RR_NR206_A0_S3        |
| <H>   | sdu                | RR_NR237_A0_S3        |
| <I>   | sdu                | RR_NR268_A0_S3        |
| <J>   | sdu                | RR_NR299_A0_S3        |
| <K>   | sdu                | RR_NR330_A0_S3        |
| <L>   | sdu                | RR_NR361_A0_S3        |
| <M>   | sdu                | RR_NR392_A0_S3        |
| <N>   | sdu                | RR_NR423_A0_S3        |
| <O>   | sdu                | RR_NR454_A0_S3        |
| <P>   | sdu                | RR_NR485_A0_S3        |
| (120) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_19              |
| (121) | GRR_READY_IND      |                       |
| (122) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_20                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (123) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS20_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS51_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS82_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS113_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS144_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS175_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS206_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS237_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS268_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS299_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS330_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS361_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS392_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS423_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS454_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS485_NR0_A1_S3 |
| (124) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (125) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR21_A0_S3         |
| <B>   | sdu                | RR_NR52_A0_S3         |
| <C>   | sdu                | RR_NR83_A0_S3         |
| <D>   | sdu                | RR_NR114_A0_S3        |
| <E>   | sdu                | RR_NR145_A0_S3        |
| <F>   | sdu                | RR_NR176_A0_S3        |
| <G>   | sdu                | RR_NR207_A0_S3        |
| <H>   | sdu                | RR_NR238_A0_S3        |
| <I>   | sdu                | RR_NR269_A0_S3        |
| <J>   | sdu                | RR_NR300_A0_S3        |
| <K>   | sdu                | RR_NR331_A0_S3        |
| <L>   | sdu                | RR_NR362_A0_S3        |
| <M>   | sdu                | RR_NR393_A0_S3        |
| <N>   | sdu                | RR_NR424_A0_S3        |
| <O>   | sdu                | RR_NR455_A0_S3        |
| <P>   | sdu                | RR_NR486_A0_S3        |
| (126) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_20              |

|       |                    |                       |
|-------|--------------------|-----------------------|
| (127) | GRR_READY_IND      |                       |
| (128) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_21                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (129) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS21_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS52_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS83_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS114_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS145_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS176_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS207_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS238_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS269_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS300_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS331_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS362_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS393_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS424_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS455_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS486_NR0_A1_S3 |
| (130) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (131) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR22_A0_S3         |
| <B>   | sdu                | RR_NR53_A0_S3         |
| <C>   | sdu                | RR_NR84_A0_S3         |
| <D>   | sdu                | RR_NR115_A0_S3        |
| <E>   | sdu                | RR_NR146_A0_S3        |
| <F>   | sdu                | RR_NR177_A0_S3        |
| <G>   | sdu                | RR_NR208_A0_S3        |
| <H>   | sdu                | RR_NR239_A0_S3        |
| <I>   | sdu                | RR_NR270_A0_S3        |
| <J>   | sdu                | RR_NR301_A0_S3        |
| <K>   | sdu                | RR_NR332_A0_S3        |
| <L>   | sdu                | RR_NR363_A0_S3        |
| <M>   | sdu                | RR_NR394_A0_S3        |
| <N>   | sdu                | RR_NR425_A0_S3        |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <O>   | sdu                | RR_NR456_A0_S3        |
| <P>   | sdu                | RR_NR487_A0_S3        |
| (132) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_21              |
| (133) | GRR_READY_IND      |                       |
| (134) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_22                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (135) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS22_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS53_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS84_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS115_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS146_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS177_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS208_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS239_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS270_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS301_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS332_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS363_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS394_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS425_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS456_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS487_NR0_A1_S3 |
| (136) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (137) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR23_A0_S3         |
| <B>   | sdu                | RR_NR54_A0_S3         |
| <C>   | sdu                | RR_NR85_A0_S3         |
| <D>   | sdu                | RR_NR116_A0_S3        |
| <E>   | sdu                | RR_NR147_A0_S3        |
| <F>   | sdu                | RR_NR178_A0_S3        |
| <G>   | sdu                | RR_NR209_A0_S3        |
| <H>   | sdu                | RR_NR240_A0_S3        |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <I>   | sdu                | RR_NR271_A0_S3        |
| <J>   | sdu                | RR_NR302_A0_S3        |
| <K>   | sdu                | RR_NR333_A0_S3        |
| <L>   | sdu                | RR_NR364_A0_S3        |
| <M>   | sdu                | RR_NR395_A0_S3        |
| <N>   | sdu                | RR_NR426_A0_S3        |
| <O>   | sdu                | RR_NR457_A0_S3        |
| <P>   | sdu                | RR_NR488_A0_S3        |
| (138) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_22              |
| (139) | GRR_READY_IND      |                       |
| (140) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_23                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (141) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS23_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS54_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS85_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS116_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS147_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS178_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS209_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS240_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS271_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS302_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS333_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS364_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS395_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS426_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS457_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS488_NR0_A1_S3 |
| (142) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (143) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR24_A0_S3         |
| <B>   | sdu                | RR_NR55_A0_S3         |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <C>   | sdu                | RR_NR86_A0_S3         |
| <D>   | sdu                | RR_NR117_A0_S3        |
| <E>   | sdu                | RR_NR148_A0_S3        |
| <F>   | sdu                | RR_NR179_A0_S3        |
| <G>   | sdu                | RR_NR210_A0_S3        |
| <H>   | sdu                | RR_NR241_A0_S3        |
| <I>   | sdu                | RR_NR272_A0_S3        |
| <J>   | sdu                | RR_NR303_A0_S3        |
| <K>   | sdu                | RR_NR334_A0_S3        |
| <L>   | sdu                | RR_NR365_A0_S3        |
| <M>   | sdu                | RR_NR396_A0_S3        |
| <N>   | sdu                | RR_NR427_A0_S3        |
| <O>   | sdu                | RR_NR458_A0_S3        |
| <P>   | sdu                | RR_NR489_A0_S3        |
| (144) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_23              |
| (145) | GRR_READY_IND      |                       |
| (146) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_24                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (147) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS24_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS55_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS86_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS117_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS148_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS179_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS210_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS241_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS272_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS303_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS334_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS365_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS396_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS427_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS458_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS489_NR0_A1_S3 |



|       |                    |                       |
|-------|--------------------|-----------------------|
| (148) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (149) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR25_A0_S3         |
| <B>   | sdu                | RR_NR56_A0_S3         |
| <C>   | sdu                | RR_NR87_A0_S3         |
| <D>   | sdu                | RR_NR118_A0_S3        |
| <E>   | sdu                | RR_NR149_A0_S3        |
| <F>   | sdu                | RR_NR180_A0_S3        |
| <G>   | sdu                | RR_NR211_A0_S3        |
| <H>   | sdu                | RR_NR242_A0_S3        |
| <I>   | sdu                | RR_NR273_A0_S3        |
| <J>   | sdu                | RR_NR304_A0_S3        |
| <K>   | sdu                | RR_NR335_A0_S3        |
| <L>   | sdu                | RR_NR366_A0_S3        |
| <M>   | sdu                | RR_NR397_A0_S3        |
| <N>   | sdu                | RR_NR428_A0_S3        |
| <O>   | sdu                | RR_NR459_A0_S3        |
| <P>   | sdu                | RR_NR490_A0_S3        |
| (150) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_24              |
| (151) | GRR_READY_IND      |                       |
| (152) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_25                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (153) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS25_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS56_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS87_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS118_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS149_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS180_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS211_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS242_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS273_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS304_NR0_A1_S3 |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <K>   | sdu                | RR_D3_NS335_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS366_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS397_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS428_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS459_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS490_NR0_A1_S3 |
| (154) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (155) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR26_A0_S3         |
| <B>   | sdu                | RR_NR57_A0_S3         |
| <C>   | sdu                | RR_NR88_A0_S3         |
| <D>   | sdu                | RR_NR119_A0_S3        |
| <E>   | sdu                | RR_NR150_A0_S3        |
| <F>   | sdu                | RR_NR181_A0_S3        |
| <G>   | sdu                | RR_NR212_A0_S3        |
| <H>   | sdu                | RR_NR243_A0_S3        |
| <I>   | sdu                | RR_NR274_A0_S3        |
| <J>   | sdu                | RR_NR305_A0_S3        |
| <K>   | sdu                | RR_NR336_A0_S3        |
| <L>   | sdu                | RR_NR367_A0_S3        |
| <M>   | sdu                | RR_NR398_A0_S3        |
| <N>   | sdu                | RR_NR429_A0_S3        |
| <O>   | sdu                | RR_NR460_A0_S3        |
| <P>   | sdu                | RR_NR491_A0_S3        |
| (156) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_25              |
| (157) | GRR_READY_IND      |                       |
| (158) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_26                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (159) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS26_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS57_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS88_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS119_NR0_A1_S3 |

|       |                    |                       |
|-------|--------------------|-----------------------|
| <E>   | sdu                | RR_D3_NS150_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS181_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS212_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS243_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS274_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS305_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS336_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS367_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS398_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS429_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS460_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS491_NR0_A1_S3 |
| (160) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (161) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR27_A0_S3         |
| <B>   | sdu                | RR_NR58_A0_S3         |
| <C>   | sdu                | RR_NR89_A0_S3         |
| <D>   | sdu                | RR_NR120_A0_S3        |
| <E>   | sdu                | RR_NR151_A0_S3        |
| <F>   | sdu                | RR_NR182_A0_S3        |
| <G>   | sdu                | RR_NR213_A0_S3        |
| <H>   | sdu                | RR_NR244_A0_S3        |
| <I>   | sdu                | RR_NR275_A0_S3        |
| <J>   | sdu                | RR_NR306_A0_S3        |
| <K>   | sdu                | RR_NR337_A0_S3        |
| <L>   | sdu                | RR_NR368_A0_S3        |
| <M>   | sdu                | RR_NR399_A0_S3        |
| <N>   | sdu                | RR_NR430_A0_S3        |
| <O>   | sdu                | RR_NR461_A0_S3        |
| <P>   | sdu                | RR_NR492_A0_S3        |
| (162) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_26              |
| (163) | GRR_READY_IND      |                       |
| (164) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_27                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (165) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS27_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS58_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS89_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS120_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS151_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS182_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS213_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS244_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS275_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS306_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS337_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS368_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS399_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS430_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS461_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS492_NR0_A1_S3 |
| (166) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (167) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR28_A0_S3         |
| <B>   | sdu                | RR_NR59_A0_S3         |
| <C>   | sdu                | RR_NR90_A0_S3         |
| <D>   | sdu                | RR_NR121_A0_S3        |
| <E>   | sdu                | RR_NR152_A0_S3        |
| <F>   | sdu                | RR_NR183_A0_S3        |
| <G>   | sdu                | RR_NR214_A0_S3        |
| <H>   | sdu                | RR_NR245_A0_S3        |
| <I>   | sdu                | RR_NR276_A0_S3        |
| <J>   | sdu                | RR_NR307_A0_S3        |
| <K>   | sdu                | RR_NR338_A0_S3        |
| <L>   | sdu                | RR_NR369_A0_S3        |
| <M>   | sdu                | RR_NR400_A0_S3        |
| <N>   | sdu                | RR_NR431_A0_S3        |
| <O>   | sdu                | RR_NR462_A0_S3        |
| <P>   | sdu                | RR_NR493_A0_S3        |
| (168) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_27              |
| (169) | GRR_READY_IND      |                       |
| (170) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_28                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (171) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS28_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS59_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS90_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS121_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS152_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS183_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS214_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS245_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS276_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS307_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS338_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS369_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS400_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS431_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS462_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS493_NR0_A1_S3 |
| (172) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (173) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR29_A0_S3         |
| <B>   | sdu                | RR_NR60_A0_S3         |
| <C>   | sdu                | RR_NR91_A0_S3         |
| <D>   | sdu                | RR_NR122_A0_S3        |
| <E>   | sdu                | RR_NR153_A0_S3        |
| <F>   | sdu                | RR_NR184_A0_S3        |
| <G>   | sdu                | RR_NR215_A0_S3        |
| <H>   | sdu                | RR_NR246_A0_S3        |
| <I>   | sdu                | RR_NR277_A0_S3        |
| <J>   | sdu                | RR_NR308_A0_S3        |
| <K>   | sdu                | RR_NR339_A0_S3        |
| <L>   | sdu                | RR_NR370_A0_S3        |
| <M>   | sdu                | RR_NR401_A0_S3        |
| <N>   | sdu                | RR_NR432_A0_S3        |
| <O>   | sdu                | RR_NR463_A0_S3        |
| <P>   | sdu                | RR_NR494_A0_S3        |
| (174) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_28              |
| (175) | GRR_READY_IND      |                       |
| (176) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_29                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (177) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS29_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS60_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS91_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS122_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS153_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS184_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS215_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS246_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS277_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS308_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS339_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS370_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS401_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS432_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS463_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS494_NR0_A1_S3 |
| (178) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (179) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR30_A0_S3         |
| <B>   | sdu                | RR_NR61_A0_S3         |
| <C>   | sdu                | RR_NR92_A0_S3         |
| <D>   | sdu                | RR_NR123_A0_S3        |
| <E>   | sdu                | RR_NR154_A0_S3        |
| <F>   | sdu                | RR_NR185_A0_S3        |
| <G>   | sdu                | RR_NR216_A0_S3        |
| <H>   | sdu                | RR_NR247_A0_S3        |
| <I>   | sdu                | RR_NR278_A0_S3        |
| <J>   | sdu                | RR_NR309_A0_S3        |
| <K>   | sdu                | RR_NR340_A0_S3        |
| <L>   | sdu                | RR_NR371_A0_S3        |
| <M>   | sdu                | RR_NR402_A0_S3        |
| <N>   | sdu                | RR_NR433_A0_S3        |
| <O>   | sdu                | RR_NR464_A0_S3        |
| <P>   | sdu                | RR_NR495_A0_S3        |
| (180) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_29              |

|       |                    |                       |
|-------|--------------------|-----------------------|
| (181) | GRR_READY_IND      |                       |
| (182) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_30                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (183) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKEBSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
| <A>   | sdu                | RR_D3_NS30_NR0_A1_S3  |
| <B>   | sdu                | RR_D3_NS61_NR0_A1_S3  |
| <C>   | sdu                | RR_D3_NS92_NR0_A1_S3  |
| <D>   | sdu                | RR_D3_NS123_NR0_A1_S3 |
| <E>   | sdu                | RR_D3_NS154_NR0_A1_S3 |
| <F>   | sdu                | RR_D3_NS185_NR0_A1_S3 |
| <G>   | sdu                | RR_D3_NS216_NR0_A1_S3 |
| <H>   | sdu                | RR_D3_NS247_NR0_A1_S3 |
| <I>   | sdu                | RR_D3_NS278_NR0_A1_S3 |
| <J>   | sdu                | RR_D3_NS309_NR0_A1_S3 |
| <K>   | sdu                | RR_D3_NS340_NR0_A1_S3 |
| <L>   | sdu                | RR_D3_NS371_NR0_A1_S3 |
| <M>   | sdu                | RR_D3_NS402_NR0_A1_S3 |
| <N>   | sdu                | RR_D3_NS433_NR0_A1_S3 |
| <O>   | sdu                | RR_D3_NS464_NR0_A1_S3 |
| <P>   | sdu                | RR_D3_NS495_NR0_A1_S3 |
| (184) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (185) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
| <A>   | sdu                | RR_NR31_A0_S3         |
| <B>   | sdu                | RR_NR62_A0_S3         |
| <C>   | sdu                | RR_NR93_A0_S3         |
| <D>   | sdu                | RR_NR124_A0_S3        |
| <E>   | sdu                | RR_NR155_A0_S3        |
| <F>   | sdu                | RR_NR186_A0_S3        |
| <G>   | sdu                | RR_NR217_A0_S3        |
| <H>   | sdu                | RR_NR248_A0_S3        |
| <I>   | sdu                | RR_NR279_A0_S3        |
| <J>   | sdu                | RR_NR310_A0_S3        |
| <K>   | sdu                | RR_NR341_A0_S3        |
| <L>   | sdu                | RR_NR372_A0_S3        |
| <M>   | sdu                | RR_NR403_A0_S3        |
| <N>   | sdu                | RR_NR434_A0_S3        |

|       |             |                |
|-------|-------------|----------------|
| <O>   | sdu         | RR_NR465_A0_S3 |
| <P>   | sdu         | RR_NR496_A0_S3 |
| (186) | LL_DATA_CNF |                |
|       | sapi        | LL_SAPI_3      |
|       | tlli        | TLLI_LOCAL_1   |
|       | reference1  | A_REF_30       |

## History:

19-Mar-2001

GS

Initial

**3.15.24 LLC741: ABM - Receive 18 PDUs from L3 and forward them to GRR; N(S) wraps**

## Description:

LLC receives 18 PDU's from L3. The frames are forwarded to the RLC/MAC layer. After 16 I-frames N(S) wraps from 511 to 0.

## Preamble:

LLC740P



|      | GMM | L3           | LLC               | RLC/MAC |
|------|-----|--------------|-------------------|---------|
| (1)  |     |              | GRR_READY_IND     |         |
| (2)  |     | LL_DATA_REQ  | *<=====*          |         |
| (3)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (4)  |     | LL_READY_IND | *<=====*          |         |
| (5)  |     |              | GRR_DATA_IND_TEST |         |
| (6)  |     | LL_DATA_CNF  | *<=====*          |         |
| (7)  |     |              | GRR_READY_IND     |         |
| (8)  |     | LL_DATA_REQ  | *<=====*          |         |
| (9)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (10) |     | LL_READY_IND | *<=====*          |         |
| (11) |     |              | GRR_DATA_IND_TEST |         |
| (12) |     | LL_DATA_CNF  | *<=====*          |         |
| (13) |     |              | GRR_READY_IND     |         |
| (14) |     | LL_DATA_REQ  | *<=====*          |         |
| (15) |     | *=====>*     | GRR_DATA_REQ      |         |
| (16) |     | LL_READY_IND | *<=====*          |         |
| (17) |     |              | GRR_DATA_IND_TEST |         |
| (18) |     | LL_DATA_CNF  | *<=====*          |         |
| (19) |     |              | GRR_READY_IND     |         |
| (20) |     | LL_DATA_REQ  | *<=====*          |         |
| (21) |     | *=====>*     | GRR_DATA_REQ      |         |
| (22) |     | LL_READY_IND | *<=====*          |         |
| (23) |     |              | GRR_DATA_IND_TEST |         |
| (24) |     | LL_DATA_CNF  | *<=====*          |         |
| (25) |     |              | GRR_READY_IND     |         |
| (26) |     | LL_DATA_REQ  | *<=====*          |         |
| (27) |     | *=====>*     | GRR_DATA_REQ      |         |
| (28) |     | LL_READY_IND | *<=====*          |         |
| (29) |     |              | GRR_DATA_IND_TEST |         |

|      |  |              |  |          |  |
|------|--|--------------|--|----------|--|
| (30) |  | LL_DATA_CNF  |  | *<=====* |  |
| (31) |  |              |  |          |  |
| (32) |  | LL_DATA_REQ  |  |          |  |
| (33) |  |              |  |          |  |
| (34) |  | LL_READY_IND |  |          |  |
| (35) |  |              |  |          |  |
| (36) |  | LL_DATA_CNF  |  |          |  |
| (37) |  |              |  |          |  |
| (38) |  | LL_DATA_REQ  |  |          |  |
| (39) |  |              |  |          |  |
| (40) |  | LL_READY_IND |  |          |  |
| (41) |  |              |  |          |  |
| (42) |  | LL_DATA_CNF  |  |          |  |
| (43) |  |              |  |          |  |
| (44) |  | LL_DATA_REQ  |  |          |  |
| (45) |  |              |  |          |  |
| (46) |  | LL_READY_IND |  |          |  |
| (47) |  |              |  |          |  |
| (47) |  | LL_DATA_CNF  |  |          |  |
| (48) |  |              |  |          |  |
| (49) |  | LL_DATA_REQ  |  |          |  |
| (50) |  |              |  |          |  |
| (51) |  | LL_READY_IND |  |          |  |
| (52) |  |              |  |          |  |
| (53) |  | LL_DATA_CNF  |  |          |  |
| (54) |  |              |  |          |  |
| (55) |  | LL_DATA_REQ  |  |          |  |
| (56) |  |              |  |          |  |
| (57) |  | LL_READY_IND |  |          |  |

|      |  |              |                   |  |
|------|--|--------------|-------------------|--|
| (58) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (59) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (60) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (61) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (62) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (63) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (64) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (65) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (66) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (67) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (68) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (69) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (70) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (71) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (72) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (73) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (74) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (75) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (76) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (77) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (78) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (79) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (80) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (81) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (82) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (83) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (84) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (85) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (86) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (87) |  | LL_READY_IND |                   |  |

```

(88)      | *<=====| GRR_DATA_IND_TEST |
(89)      | | LL_DATA_CNF | *<=====|
(90)      | *<=====| GRR_READY_IND |
(91)      | | LL_DATA_REQ | *<=====|
(92)      | *=====>* | GRR_DATA_REQ |
(93)      | | LL_READY_IND | *=====>* |
(94)      | *<=====| GRR_DATA_IND_TEST |
(95)      | | LL_DATA_CNF | *<=====|
(96)      | *<=====| GRR_READY_IND |
(97)      | | LL_DATA_REQ | *<=====|
(98)      | *=====>* | GRR_DATA_REQ |
(99)      | | LL_READY_IND | *=====>* |
(100)     | *<=====| GRR_DATA_IND_TEST |
(101)     | | LL_DATA_CNF | *<=====|
(102)     | *<=====| GRR_READY_IND |
(103)     | | LL_DATA_REQ | *<=====|
(104)     | *=====>* | GRR_DATA_REQ |
(105)     | | LL_READY_IND | *=====>* |
(106)     | *<=====| GRR_DATA_IND_TEST |
(107)     | | LL_DATA_CNF | *<=====|

```

**Parametrization:**

| Primitive | Parameter          | Value               |
|-----------|--------------------|---------------------|
| (187)     | GRR_READY_IND      |                     |
| (188)     | LL_DATA_REQ        |                     |
|           | sapi               | LL_SAPI_3           |
|           | tlli               | TLLI_LOCAL_1        |
|           | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|           | radio_prio         | LL_RADIO_PRIO_3     |
|           | reserved_data_req1 | NOT_USED            |
|           | reference1         | REF_31              |
|           | seg_pos            | NOT_USED            |
|           | attached_counter   | LLC_NO_ATTACHE      |
|           | reserved_data_req4 | NOT_USED            |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (189) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS496_NR0_A1_S3 |
| (190) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (191) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR497_A0_S3        |
| (192) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_31              |
| (193) | GRR_READY_IND      |                       |
| (194) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_0                 |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (195) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS497_NR0_A1_S3 |
| (196) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (197) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR498_A0_S3        |
| (198) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_0               |
| (199) | GRR_READY_IND      |                       |

|       |   |  |
|-------|---|--|
| (200) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_1<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (201) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS498_NR0_A1_S3                                    |
| (202) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (203) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR499_A0_S3   |
| (204) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_1   |
| (205) | GRR_READY_IND   |  |
| (206) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_2<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (207) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS499_NR0_A1_S3                                    |
| (208) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |

|       |   |  |
|-------|---|--|
| (209) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR500_A0_S3   |
| (210) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_2   |
| (211) | GRR_READY_IND   |  |
| (212) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_3<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (213) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS500_NR0_A1_S3                                    |
| (214) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (215) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR501_A0_S3   |
| (216) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_3   |
| (217) | GRR_READY_IND   |  |
| (218) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_4<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (219) | GRR_DATA_REQ<br>sapi  | LL_SAPI_3  |

|       |   |  |
|-------|---|--|
|       | tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS501_NR0_A1_S3   |
| (220) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (221) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR502_A0_S3   |
| (222) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_4   |
| (223) | GRR_READY_IND   |  |
| (224) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_5<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (225) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS502_NR0_A1_S3                                    |
| (226) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (227) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR503_A0_S3   |
| (228) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_5   |
| (229) | GRR_READY_IND   |  |
| (230) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5   |



|       |                    |                       |
|-------|--------------------|-----------------------|
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_6                 |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (231) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS503_NR0_A1_S3 |
| (232) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (233) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR504_A0_S3        |
| (234) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_6               |
| (235) | GRR_READY_IND      |                       |
| (236) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_7                 |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (237) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS504_NR0_A1_S3 |
| (238) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (239) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR505_A0_S3        |

|       |   |  |
|-------|---|--|
| (240) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_7   |
| (241) | GRR_READY_IND   |  |
| (242) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_8<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (243) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS505_NR0_A1_S3                                  |
| (244) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (245) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR506_A0_S3   |
| (246) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_8   |
| (247) | GRR_READY_IND   |  |
| (248) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_9<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (249) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3  |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS506_NR0_A1_S3 |
| (250) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (251) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR507_A0_S3        |
| (252) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_9               |
| (253) | GRR_READY_IND      |                       |
| (254) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_10                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (255) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS507_NR0_A1_S3 |
| (256) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (257) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR508_A0_S3        |
| (258) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_10              |
| (259) | GRR_READY_IND      |                       |
| (260) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_11                |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (261) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS508_NR0_A1_S3 |
| (262) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (263) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR509_A0_S3        |
| (264) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_11              |
| (265) | GRR_READY_IND      |                       |
| (266) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_12                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (267) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS509_NR0_A1_S3 |
| (268) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (269) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR510_A0_S3        |
| (270) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_12              |
| (271) | GRR_READY_IND      |                       |
| (272) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_13                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (273) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS510_NR0_A1_S3 |
| (274) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (275) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR511_A0_S3        |
| (276) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_13              |
| (277) | GRR_READY_IND      |                       |
| (278) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_14                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (279) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |

|       |                    |                       |
|-------|--------------------|-----------------------|
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS511_NR0_A1_S3 |
| (280) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (281) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR0_A0_S3          |
| (282) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_14              |
| (283) | GRR_READY_IND      |                       |
| (284) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_15                |
|       | seg_pos            | NOT_USED              |
|       | attached_counter   | LLC_NO_ATTACHE        |
|       | reserved_data_req4 | NOT_USED              |
|       | reserved_data_req5 | NOT_USED              |
|       | sdu                | LLREQ_SDU3            |
| (285) | GRR_DATA_REQ       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3      |
|       | cause              | GRR_DTACS_DEF         |
|       | reserved_data_req  | NOT_USED              |
|       | sdu                | RR_D3_NS0_NR0_A1_S3   |
| (286) | LL_READY_IND       |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
| (287) | GRR_DATA_IND_TEST  |                       |
|       | tlli               | TLLI_LOCAL_1          |
|       | sdu                | RR_NR1_A0_S3          |
| (288) | LL_DATA_CNF        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | reference1         | A_REF_15              |
| (289) | GRR_READY_IND      |                       |
| (290) | LL_DATA_REQ        |                       |
|       | sapi               | LL_SAPI_3             |
|       | tlli               | TLLI_LOCAL_1          |
|       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|       | radio_prio         | LL_RADIO_PRIO_3       |
|       | reserved_data_req1 | NOT_USED              |
|       | reference1         | REF_16                |
|       | seg_pos            | NOT_USED              |

|       |                    |                     |
|-------|--------------------|---------------------|
|       | attached_counter   | LLC_NO_ATTACHE      |
|       | reserved_data_req4 | NOT_USED            |
|       | reserved_data_req5 | NOT_USED            |
|       | sdu                | LLREQ_SDU3          |
| (291) | GRR_DATA_REQ       |                     |
|       | sapi               | LL_SAPI_3           |
|       | tlli               | TLLI_LOCAL_1        |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB  |
|       | radio_prio         | GRR_RADIO_PRIO_3    |
|       | cause              | GRR_DTACS_DEF       |
|       | reserved_data_req  | NOT_USED            |
|       | sdu                | RR_D3_NS1_NR0_A1_S3 |
| (292) | LL_READY_IND       |                     |
|       | sapi               | LL_SAPI_3           |
|       | tlli               | TLLI_LOCAL_1        |
| (293) | GRR_DATA_IND_TEST  |                     |
|       | tlli               | TLLI_LOCAL_1        |
|       | sdu                | RR_NR2_A0_S3        |
| (294) | LL_DATA_CNF        |                     |
|       | sapi               | LL_SAPI_3           |
|       | tlli               | TLLI_LOCAL_1        |
|       | reference1         | A_REF_16            |

## History:

21-Mar-2001

GS

Initial

**3.15.25 LLC742: ABM - Receive 8 PDUs from L3 and forward them to GRR**

## Description:

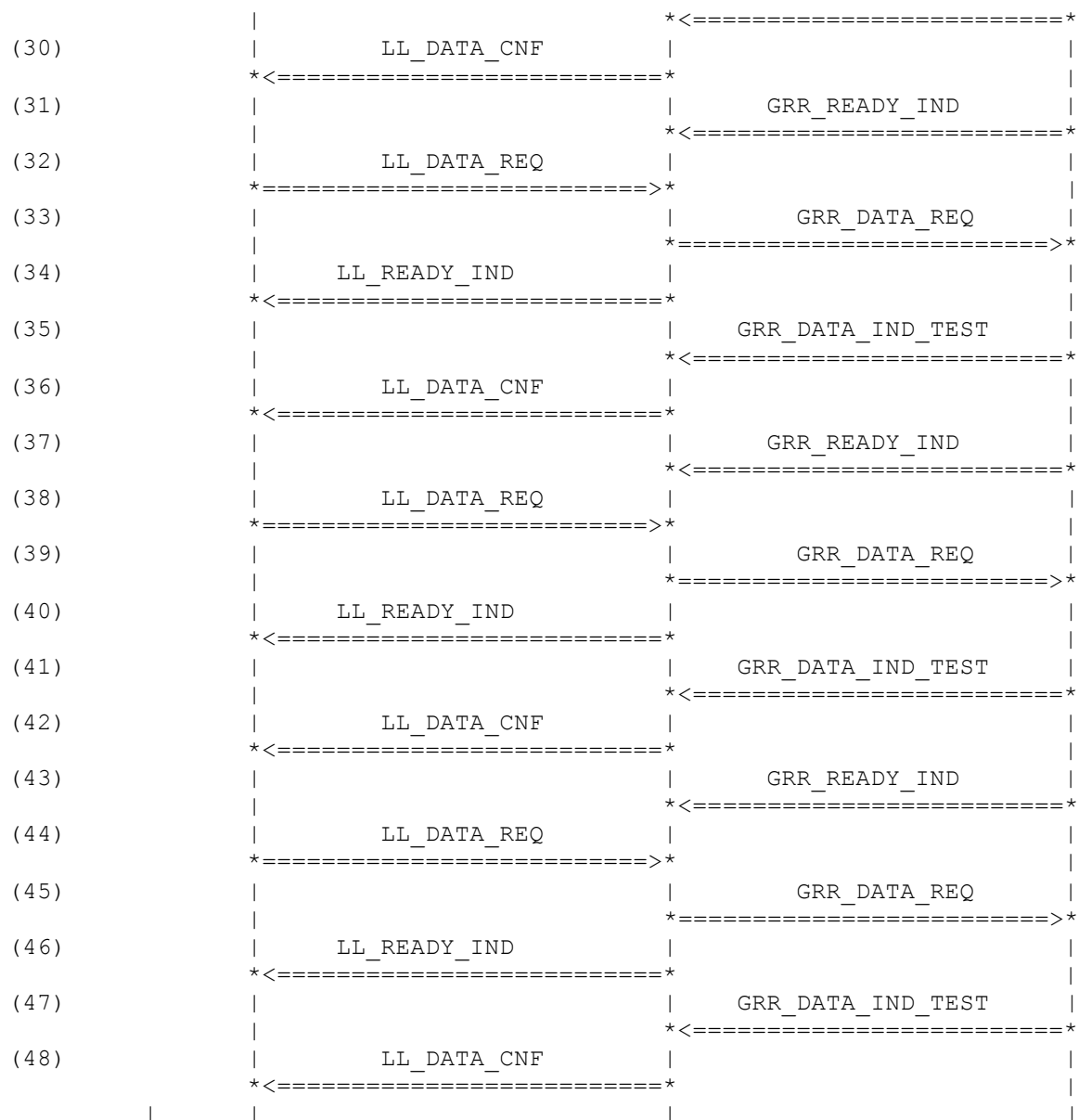
LLC receives 8 PDU's from L3. The frames are forwarded to the RLC/MAC layer.

## Preamble:

LLC740P

|      | GMM | L3           | LLC               | RLC/MAC |
|------|-----|--------------|-------------------|---------|
| (1)  |     |              | GRR_READY_IND     |         |
| (2)  |     | LL_DATA_REQ  | *<=====*          |         |
| (3)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (4)  |     | LL_READY_IND | *<=====*          |         |
| (5)  |     |              | GRR_DATA_IND_TEST |         |
| (6)  |     | LL_DATA_CNF  | *<=====*          |         |
| (7)  |     |              | GRR_READY_IND     |         |
| (8)  |     | LL_DATA_REQ  | *<=====*          |         |
| (9)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (10) |     | LL_READY_IND | *<=====*          |         |
| (11) |     |              | GRR_DATA_IND_TEST |         |
| (12) |     | LL_DATA_CNF  | *<=====*          |         |
| (13) |     |              | GRR_READY_IND     |         |
| (14) |     | LL_DATA_REQ  | *<=====*          |         |
| (15) |     | *=====>*     | GRR_DATA_REQ      |         |
| (16) |     | LL_READY_IND | *<=====*          |         |
| (17) |     |              | GRR_DATA_IND_TEST |         |
| (18) |     | LL_DATA_CNF  | *<=====*          |         |
| (19) |     |              | GRR_READY_IND     |         |
| (20) |     | LL_DATA_REQ  | *<=====*          |         |
| (21) |     | *=====>*     | GRR_DATA_REQ      |         |
| (22) |     | LL_READY_IND | *<=====*          |         |
| (23) |     |              | GRR_DATA_IND_TEST |         |
| (24) |     | LL_DATA_CNF  | *<=====*          |         |
| (25) |     |              | GRR_READY_IND     |         |
| (26) |     | LL_DATA_REQ  | *<=====*          |         |
| (27) |     | *=====>*     | GRR_DATA_REQ      |         |
| (28) |     | LL_READY_IND | *<=====*          |         |
| (29) |     |              | GRR_DATA_IND_TEST |         |



**Parametrization:**

| Primitive         | Parameter          | Value               |
|-------------------|--------------------|---------------------|
| (1) GRR_READY_IND |                    |                     |
| (2) LL_DATA_REQ   |                    |                     |
|                   | sapi               | LL_SAPI_3           |
|                   | tlli               | TLLI_LOCAL_1        |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio         | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1 | NOT_USED            |
|                   | reference1         | REF_31              |
|                   | seg_pos            | NOT_USED            |
|                   | attached_counter   | LLC_NO_ATTACHE      |
|                   | reserved_data_req4 | NOT_USED            |
|                   | reserved_data_req5 | NOT_USED            |
|                   | sdu                | LLREQ_SDU3          |

|                       |  |  |
|-----------------------|--|--|
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS496_NR0_A1_S3                                  |
| (4) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (5) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR497_A0_S3   |
| (6) LL_DATA_CNF       | sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_31  |
| (7) GRR_READY_IND     |  |  |
| (8) LL_DATA_REQ       | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_0<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (9) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS497_NR0_A1_S3                                  |
| (10)                  | LL_READY_IND<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (11)                  | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_NR498_A0_S3   |
| (12)                  | LL_DATA_CNF<br>sapi<br>tlli<br>reference1  | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_0   |
| (13)                  | GRR_READY_IND  |  |
| (14)                  | LL_DATA_REQ<br>sapi  | LL_SAPI_3  |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_1                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (15) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS498_NR0_A1_S3 |
| (16) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (17) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR499_A0_S3        |
| (18) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_1               |
| (19) | GRR_READY_IND      |                       |
| (20) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_2                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (21) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS499_NR0_A1_S3 |
| (22) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |

|      |   |  |
|------|---|--|
| (23) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR500_A0_S3   |
| (24) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_2   |
| (25) | GRR_READY_IND   |  |
| (26) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_3<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (27) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS500_NR0_A1_S3                                    |
| (28) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (29) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR501_A0_S3   |
| (30) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_3   |
| (31) | GRR_READY_IND   |  |
| (32) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_4<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (33) | GRR_DATA_REQ<br>sapi  | LL_SAPI_3  |

|      |   |  |
|------|---|--|
|      | tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS501_NR0_A1_S3   |
| (34) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (35) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR502_A0_S3   |
| (36) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_4   |
| (37) | GRR_READY_IND   |  |
| (38) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_5<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (39) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS502_NR0_A1_S3                                    |
| (40) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (41) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR503_A0_S3   |
| (42) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_5   |
| (43) | GRR_READY_IND   |  |
| (44) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5   |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_6                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (45) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS503_NR0_A1_S3 |
| (46) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (47) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR504_A0_S3        |
| (48) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_6               |

## History:

|             |    |         |
|-------------|----|---------|
| 21-Mar-2001 | GS | Initial |
|-------------|----|---------|

**3.15.26 LLC743: ABM - Receive 8 PDUs from L3; then they are forward to GRR; N(S) wraps**

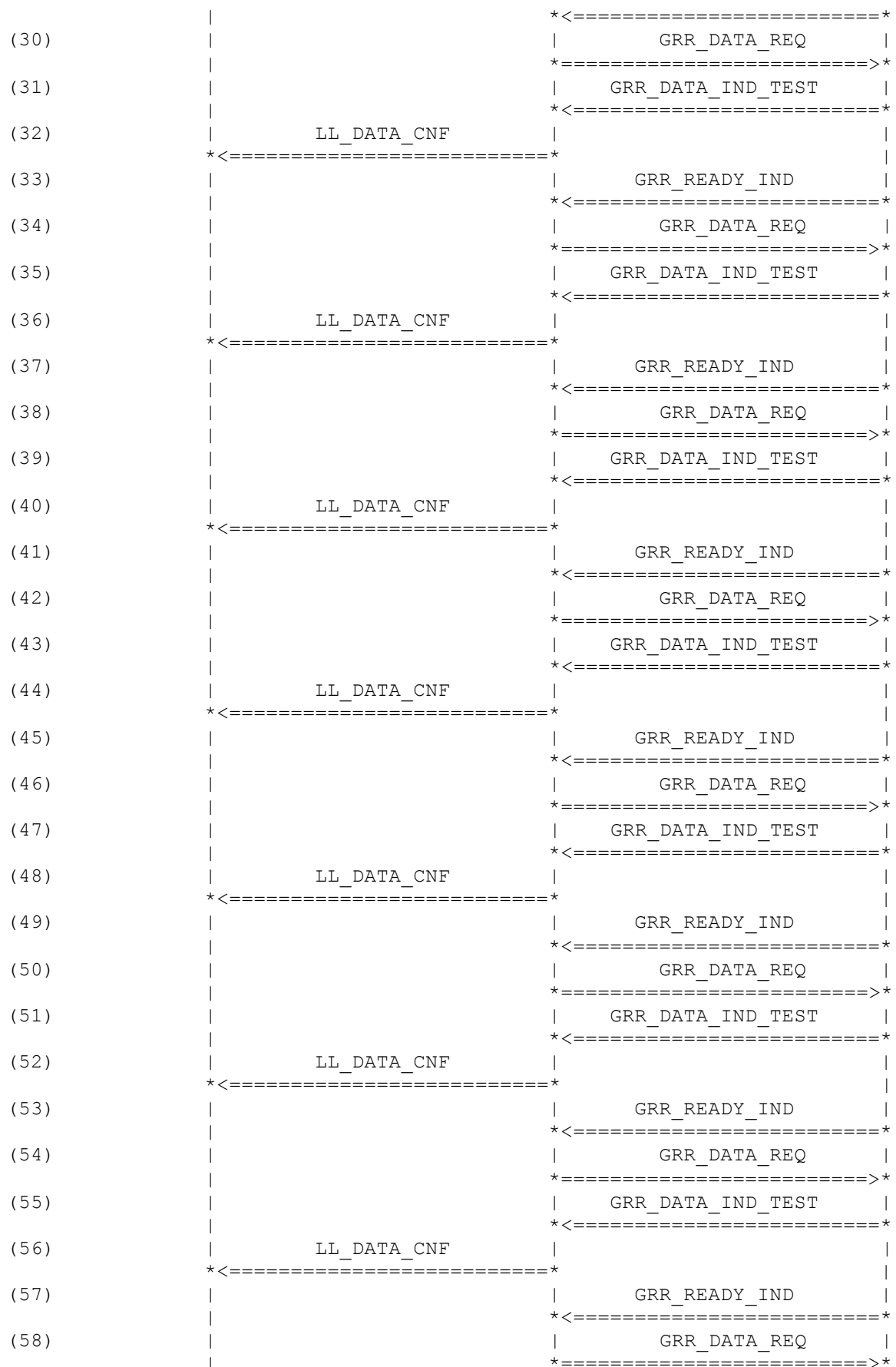
## Description:

LLC receives 8 PDU's from L3. After complete receiving the frames are forwarded to the RLC/MAC layer. N(S) wraps from 511 to 0.

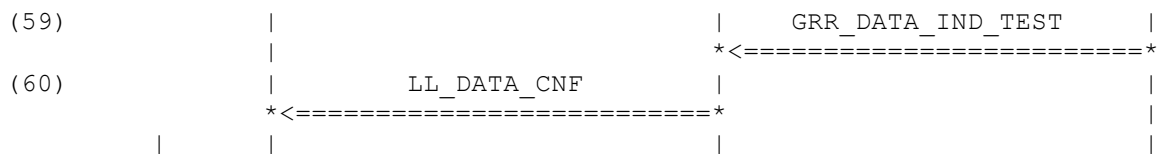
## Preamble:

LLC742

|      | GMM | L3           | LLC               | RLC/MAC |
|------|-----|--------------|-------------------|---------|
| (1)  |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (2)  |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (3)  |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (4)  |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (5)  |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (6)  |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (7)  |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (8)  |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (9)  |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (10) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (11) |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (12) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (13) |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (14) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (15) |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (16) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (17) |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (18) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (19) |     | LL_DATA_REQ  |                   |         |
|      |     | *=====>*     |                   |         |
| (20) |     | LL_READY_IND |                   |         |
|      |     | *<=====*     |                   |         |
| (21) |     |              | GRR_READY_IND     |         |
|      |     |              | *<=====*          |         |
| (22) |     |              | GRR_DATA_REQ      |         |
|      |     |              | *=====>*          |         |
| (23) |     |              | GRR_DATA_IND_TEST |         |
|      |     |              | *<=====*          |         |
| (24) |     | LL_DATA_CNF  |                   |         |
|      |     | *<=====*     |                   |         |
| (25) |     |              | GRR_READY_IND     |         |
|      |     |              | *<=====*          |         |
| (26) |     |              | GRR_DATA_REQ      |         |
|      |     |              | *=====>*          |         |
| (27) |     |              | GRR_DATA_IND_TEST |         |
|      |     |              | *<=====*          |         |
| (28) |     | LL_DATA_CNF  |                   |         |
|      |     | *<=====*     |                   |         |
| (29) |     |              | GRR_READY_IND     |         |







### Parametrization:

| Primitive        | Parameter          | Value               |
|------------------|--------------------|---------------------|
| (1) LL_DATA_REQ  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_0               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (2) LL_READY_IND | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |
| (3) LL_DATA_REQ  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_1               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (4) LL_READY_IND | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |
| (5) LL_DATA_REQ  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_2               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (6) LL_READY_IND | sapi               | LL_SAPI_3           |
|                  | tlli               | TLTI_LOCAL_1        |

## (7) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_3               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU3          |

## (8) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (9) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_4               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU3          |

## (10)

|              |              |
|--------------|--------------|
| LL_READY_IND |              |
| sapi         | LL_SAPI_3    |
| tlli         | TLLI_LOCAL_1 |

## (11)

|                    |                     |
|--------------------|---------------------|
| LL_DATA_REQ        |                     |
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_5               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU3          |

## (12)

|              |              |
|--------------|--------------|
| LL_READY_IND |              |
| sapi         | LL_SAPI_3    |
| tlli         | TLLI_LOCAL_1 |

## (13)

|                    |                     |
|--------------------|---------------------|
| LL_DATA_REQ        |                     |
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_6               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |

|      |                    |                     |
|------|--------------------|---------------------|
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (14) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (15) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_7               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (16) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (17) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_8               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (18) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (19) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_9               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (20) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (21) | GRR_READY_IND      |                     |
| (22) | GRR_DATA_REQ       |                     |
|      | sapi               | LL_SAPI_3           |

|      |                   |                       |
|------|-------------------|-----------------------|
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS504_NR0_A1_S3 |
| (23) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR505_A0_S3        |
| (24) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_0               |
| (25) | GRR_READY_IND     |                       |
| (26) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS505_NR0_A0_S3 |
| (27) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR506_A0_S3        |
| (28) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_1               |
| (29) | GRR_READY_IND     |                       |
| (30) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS506_NR0_A0_S3 |
| (31) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR507_A0_S3        |
| (32) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_2               |
| (33) | GRR_READY_IND     |                       |
| (34) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |

|      |                   |                       |
|------|-------------------|-----------------------|
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS507_NR0_A0_S3 |
| (35) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR508_A0_S3        |
| (36) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_3               |
| (37) | GRR_READY_IND     |                       |
| (38) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS508_NR0_A0_S3 |
| (39) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR509_A0_S3        |
| (40) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_4               |
| (41) | GRR_READY_IND     |                       |
| (42) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS509_NR0_A0_S3 |
| (43) | GRR_DATA_IND_TEST |                       |
|      | tlli              | TLLI_LOCAL_1          |
|      | sdu               | RR_NR510_A0_S3        |
| (44) | LL_DATA_CNF       |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | reference1        | A_REF_5               |
| (45) | GRR_READY_IND     |                       |
| (46) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS510_NR0_A0_S3 |

|      |  |   |
|------|--|---|
| (47) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_NR511_A0_S3  |
| (48) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1  | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_6  |
| (49) | GRR_READY_IND  |   |
| (50) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS511_NR0_A0_S3 |
| (51) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_NR0_A0_S3  |
| (52) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1  | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_7  |
| (53) | GRR_READY_IND  |   |
| (54) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS0_NR0_A0_S3   |
| (55) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_NR1_A0_S3  |
| (56) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1  | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_8  |
| (57) | GRR_READY_IND  |   |
| (58) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS1_NR0_A1_S3   |
| (59) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_NR2_A0_S3  |

(60)

LL\_DATA\_CNF

sapi

tli

reference1

LL\_SAPI\_3

TLLI\_LOCAL\_1

A\_REF\_9

## History:

21-Mar-2001

GS

Initial

**3.15.27 LLC744: ABM - Receive 16 PDUs from L3 and forward them to GRR; last N(S) = 511**

## Description:

LLC receives 16 PDU's from L3. The frames are forwarded to the RLC/MAC layer. After sending N(S) = 511. This test is designed to be a preamble. The next frame number is 0, which is the same as if we were just established.

## Preamble:

|      | LLC742 |              |     |         |
|------|--------|--------------|-----|---------|
|      | GMM    | L3           | LLC | RLC/MAC |
| (1)  |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (2)  |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (3)  |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (4)  |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (5)  |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (6)  |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (7)  |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (8)  |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (9)  |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (10) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (11) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (12) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (13) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (14) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (15) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (16) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (17) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (18) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (19) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (20) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |
| (21) |        | LL_DATA_REQ  |     |         |
|      |        | *=====>*     |     |         |
| (22) |        | LL_READY_IND |     |         |
|      |        | *<=====*     |     |         |



|      |  |              |    |               |
|------|--|--------------|----|---------------|
| (23) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (24) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (25) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (26) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (27) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (28) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (29) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (30) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (31) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (32) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (33) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (34) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (35) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (36) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (37) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (38) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (39) |  | LL_DATA_REQ  |    |               |
|      |  | *=====       | >* |               |
| (40) |  | LL_READY_IND |    |               |
|      |  | *<=====      |    |               |
| (41) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (42) |  |              |    | GRR_DATA_REQ  |
|      |  |              |    | *=====        |
| (43) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (44) |  |              |    | GRR_DATA_REQ  |
|      |  |              |    | *=====        |
| (45) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (46) |  |              |    | GRR_DATA_REQ  |
|      |  |              |    | *=====        |
| (47) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (48) |  |              |    | GRR_DATA_REQ  |
|      |  |              |    | *=====        |
| (49) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (50) |  |              |    | GRR_DATA_REQ  |
|      |  |              |    | *=====        |
| (51) |  |              |    | GRR_READY_IND |
|      |  |              |    | *<=====       |
| (52) |  |              |    | GRR_DATA_REQ  |

|      |  |  |               |
|------|--|--|---------------|
| (53) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (54) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (55) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (56) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (57) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (58) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (59) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (60) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (61) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (62) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (63) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (64) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (65) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (66) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (67) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (68) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (69) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (70) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (71) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
| (72) |  |  | *<=====*      |
|      |  |  | GRR_DATA_REQ  |
| (73) |  |  | *=====>*      |
|      |  |  | GRR_READY_IND |
|      |  |  | *<=====*      |
|      |  |  |               |

**Parametrization:**

| Primitive       | Parameter          | Value               |
|-----------------|--------------------|---------------------|
| (1) LL_DATA_REQ | sapi               | LL_SAPI_3           |
|                 | tlli               | TLLI_LOCAL_1        |
|                 | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                 | radio_prio         | LL_RADIO_PRIO_3     |
|                 | reserved_data_req1 | NOT_USED            |
|                 | reference1         | REF_0               |
|                 | seg_pos            | NOT_USED            |
|                 | attached_counter   | LLC_NO_ATTACHE      |
|                 | reserved_data_req4 | NOT_USED            |

|                  |                    |                     |
|------------------|--------------------|---------------------|
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (2) LL_READY_IND |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
| (3) LL_DATA_REQ  |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_1               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (4) LL_READY_IND |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
| (5) LL_DATA_REQ  |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_2               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (6) LL_READY_IND |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
| (7) LL_DATA_REQ  |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|                  | radio_prio         | LL_RADIO_PRIO_3     |
|                  | reserved_data_req1 | NOT_USED            |
|                  | reference1         | REF_3               |
|                  | seg_pos            | NOT_USED            |
|                  | attached_counter   | LLC_NO_ATTACHE      |
|                  | reserved_data_req4 | NOT_USED            |
|                  | reserved_data_req5 | NOT_USED            |
|                  | sdu                | LLREQ_SDU3          |
| (8) LL_READY_IND |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
| (9) LL_DATA_REQ  |                    |                     |
|                  | sapi               | LL_SAPI_3           |
|                  | tlli               | TLLI_LOCAL_1        |
|                  | ll_qos             | LLREQ_QOS_DEL4_REL5 |

|      |                    |                     |
|------|--------------------|---------------------|
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_4               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (10) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (11) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_5               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (12) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (13) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_6               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (14) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (15) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_7               |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |

|      |   |   |
|------|---|---|
| (16) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (17) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_8<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3  |
| (18) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (19) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_9<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3  |
| (20) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (21) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_10<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (22) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (23) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED   |

|      |                    |                     |
|------|--------------------|---------------------|
|      | reference1         | REF_11              |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (24) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (25) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_12              |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (26) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (27) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_13              |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (28) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
| (29) | LL_DATA_REQ        |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5 |
|      | radio_prio         | LL_RADIO_PRIO_3     |
|      | reserved_data_req1 | NOT_USED            |
|      | reference1         | REF_14              |
|      | seg_pos            | NOT_USED            |
|      | attached_counter   | LLC_NO_ATTACHE      |
|      | reserved_data_req4 | NOT_USED            |
|      | reserved_data_req5 | NOT_USED            |
|      | sdu                | LLREQ_SDU3          |
| (30) | LL_READY_IND       |                     |
|      | sapi               | LL_SAPI_3           |
|      | tlli               | TLLI_LOCAL_1        |

|      |   |   |
|------|---|---|
| (31) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_15<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (32) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (33) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_16<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (34) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (35) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_17<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (36) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (37) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4                              | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_18<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED                           |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (38) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (39) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_19                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (40) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (41) | GRR_READY_IND      |                       |
| (42) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS504_NR0_A1_S3 |
| (43) | GRR_READY_IND      |                       |
| (44) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS505_NR0_A0_S3 |
| (45) | GRR_READY_IND      |                       |
| (46) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS506_NR0_A0_S3 |
| (47) | GRR_READY_IND      |                       |
| (48) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |



|      |                   |                       |
|------|-------------------|-----------------------|
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS507_NR0_A0_S3 |
| (49) | GRR_READY_IND     |                       |
| (50) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEKSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS508_NR0_A0_S3 |
| (51) | GRR_READY_IND     |                       |
| (52) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEKSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS509_NR0_A0_S3 |
| (53) | GRR_READY_IND     |                       |
| (54) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEKSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS510_NR0_A0_S3 |
| (55) | GRR_READY_IND     |                       |
| (56) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEKSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS511_NR0_A0_S3 |
| (57) | GRR_READY_IND     |                       |
| (58) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |
|      | tlli              | TLLI_LOCAL_1          |
|      | grr_qos           | GRRREQ_QOS_PEAKEKSUB  |
|      | radio_prio        | GRR_RADIO_PRIO_3      |
|      | cause             | GRR_DTACS_DEF         |
|      | reserved_data_req | NOT_USED              |
|      | sdu               | RR_D3_NS0_NR0_A0_S3   |
| (59) | GRR_READY_IND     |                       |
| (60) | GRR_DATA_REQ      |                       |
|      | sapi              | LL_SAPI_3             |

|      |                   |                      |
|------|-------------------|----------------------|
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS1_NR0_A0_S3  |
| (61) | GRR_READY_IND     |                      |
| (62) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS2_NR0_A0_S3  |
| (63) | GRR_READY_IND     |                      |
| (64) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS3_NR0_A0_S3  |
| (65) | GRR_READY_IND     |                      |
| (66) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS4_NR0_A0_S3  |
| (67) | GRR_READY_IND     |                      |
| (68) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS5_NR0_A0_S3  |
| (69) | GRR_READY_IND     |                      |
| (70) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS6_NR0_A0_S3  |
| (71) | GRR_READY_IND     |                      |

|      |                   |                      |
|------|-------------------|----------------------|
| (72) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKESSUB |
|      | radio_prio        | GRR_RADIO_PRIO_3     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_D3_NS7_NR0_A1_S3  |
| (73) | GRR_READY_IND     |                      |

History:

22-Mar-2001

GS

Initial

### 3.15.28 LLC745: ABM - Receive 16 PDUs from L3 and forward them to GRR; last N(S) = 511

Description:

LLC receives 16 PDU's from L3. The frames are forwarded to the RLC/MAC layer. After sending N(S) = 511. This test is designed to be a preamble. The next frame number is 0, which is the same as if we were just established.

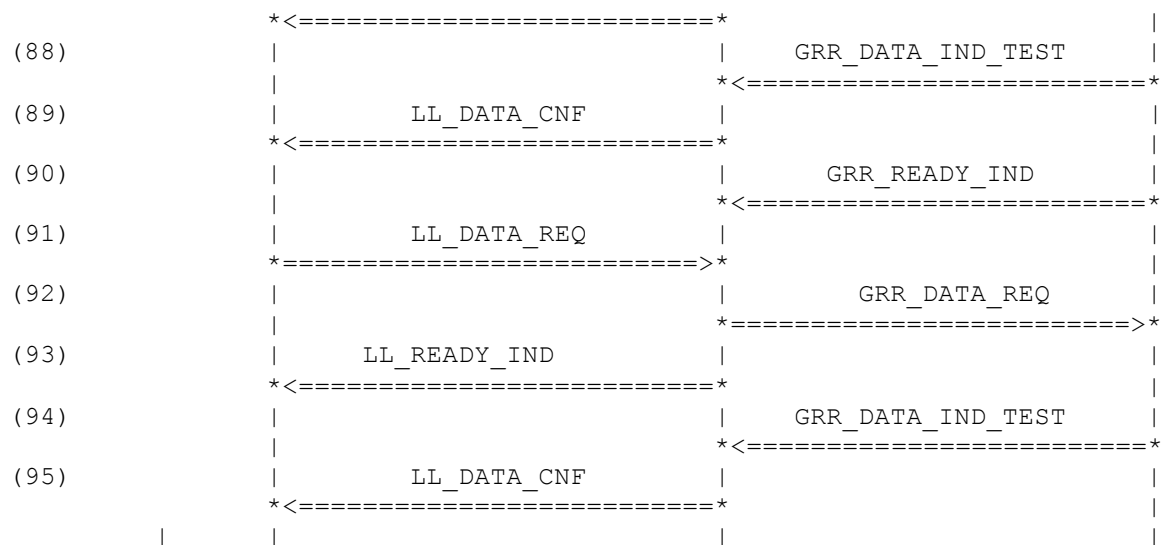
Preamble:

LLC740P

|      | GMM | L3           | LLC               | RLC/MAC |
|------|-----|--------------|-------------------|---------|
| (1)  |     |              | GRR_READY_IND     |         |
| (2)  |     | LL_DATA_REQ  | *<=====*          |         |
| (3)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (4)  |     | LL_READY_IND | *<=====*          |         |
| (5)  |     |              | GRR_DATA_IND_TEST |         |
| (6)  |     | LL_DATA_CNF  | *<=====*          |         |
| (7)  |     |              | GRR_READY_IND     |         |
| (8)  |     | LL_DATA_REQ  | *<=====*          |         |
| (9)  |     | *=====>*     | GRR_DATA_REQ      |         |
| (10) |     | LL_READY_IND | *<=====*          |         |
| (11) |     |              | GRR_DATA_IND_TEST |         |
| (12) |     | LL_DATA_CNF  | *<=====*          |         |
| (13) |     |              | GRR_READY_IND     |         |
| (14) |     | LL_DATA_REQ  | *<=====*          |         |
| (15) |     | *=====>*     | GRR_DATA_REQ      |         |
| (16) |     | LL_READY_IND | *<=====*          |         |
| (17) |     |              | GRR_DATA_IND_TEST |         |
| (18) |     | LL_DATA_CNF  | *<=====*          |         |
| (19) |     |              | GRR_READY_IND     |         |
| (20) |     | LL_DATA_REQ  | *<=====*          |         |
| (21) |     | *=====>*     | GRR_DATA_REQ      |         |
| (22) |     | LL_READY_IND | *<=====*          |         |
| (23) |     |              | GRR_DATA_IND_TEST |         |
| (24) |     | LL_DATA_CNF  | *<=====*          |         |
| (25) |     |              | GRR_READY_IND     |         |
| (26) |     | LL_DATA_REQ  | *<=====*          |         |
| (27) |     | *=====>*     | GRR_DATA_REQ      |         |
| (28) |     | LL_READY_IND | *<=====*          |         |
| (29) |     |              | GRR_DATA_IND_TEST |         |

|      |  |              |  |          |  |
|------|--|--------------|--|----------|--|
| (30) |  | LL_DATA_CNF  |  | *<=====* |  |
| (31) |  |              |  |          |  |
| (32) |  | LL_DATA_REQ  |  |          |  |
| (33) |  |              |  |          |  |
| (34) |  | LL_READY_IND |  |          |  |
| (35) |  |              |  |          |  |
| (36) |  | LL_DATA_CNF  |  |          |  |
| (37) |  |              |  |          |  |
| (38) |  | LL_DATA_REQ  |  |          |  |
| (39) |  |              |  |          |  |
| (40) |  | LL_READY_IND |  |          |  |
| (41) |  |              |  |          |  |
| (42) |  | LL_DATA_CNF  |  |          |  |
| (43) |  |              |  |          |  |
| (44) |  | LL_DATA_REQ  |  |          |  |
| (45) |  |              |  |          |  |
| (46) |  | LL_READY_IND |  |          |  |
| (47) |  |              |  |          |  |
| (48) |  | LL_DATA_CNF  |  |          |  |
| (49) |  |              |  |          |  |
| (50) |  | LL_DATA_REQ  |  |          |  |
| (51) |  |              |  |          |  |
| (52) |  | LL_READY_IND |  |          |  |
| (53) |  |              |  |          |  |
| (54) |  | LL_DATA_CNF  |  |          |  |
| (55) |  |              |  |          |  |
| (56) |  | LL_DATA_REQ  |  |          |  |
| (57) |  |              |  |          |  |
| (58) |  | LL_READY_IND |  |          |  |

|      |  |              |                   |  |
|------|--|--------------|-------------------|--|
| (59) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (60) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (61) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (62) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (63) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (64) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (65) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (66) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (67) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (68) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (69) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (70) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (71) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (72) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (73) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (74) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (75) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (76) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (77) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (78) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (79) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (80) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (81) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (82) |  | LL_READY_IND |                   |  |
|      |  | *<=====      |                   |  |
| (83) |  |              | GRR_DATA_IND_TEST |  |
|      |  |              | *<=====           |  |
| (83) |  | LL_DATA_CNF  |                   |  |
|      |  | *<=====      |                   |  |
| (84) |  |              | GRR_READY_IND     |  |
|      |  |              | *<=====           |  |
| (85) |  | LL_DATA_REQ  |                   |  |
|      |  | *=====       |                   |  |
| (86) |  |              | GRR_DATA_REQ      |  |
|      |  |              | *=====            |  |
| (87) |  | LL_READY_IND |                   |  |

**Parametrization:**

| Primitive             | Parameter          | Value                 |
|-----------------------|--------------------|-----------------------|
| (1) GRR_READY_IND     |                    |                       |
| (2) LL_DATA_REQ       | sapi               | LL_SAPI_3             |
|                       | tlli               | TLLI_LOCAL_1          |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|                       | radio_prio         | LL_RADIO_PRIO_3       |
|                       | reserved_data_req1 | NOT_USED              |
|                       | reference1         | REF_31                |
|                       | seg_pos            | NOT_USED              |
|                       | attached_counter   | LLC_NO_ATTACHE        |
|                       | reserved_data_req4 | NOT_USED              |
|                       | reserved_data_req5 | NOT_USED              |
|                       | sdu                | LLREQ_SDU3            |
| (3) GRR_DATA_REQ      | sapi               | LL_SAPI_3             |
|                       | tlli               | TLLI_LOCAL_1          |
|                       | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|                       | radio_prio         | GRR_RADIO_PRIO_3      |
|                       | cause              | GRR_DTACS_DEF         |
|                       | reserved_data_req  | NOT_USED              |
|                       | sdu                | RR_D3_NS496_NR0_A1_S3 |
| (4) LL_READY_IND      | sapi               | LL_SAPI_3             |
|                       | tlli               | TLLI_LOCAL_1          |
| (5) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1          |
|                       | sdu                | RR_NR497_A0_S3        |
| (6) LL_DATA_CNF       | sapi               | LL_SAPI_3             |
|                       | tlli               | TLLI_LOCAL_1          |
|                       | reference1         | A_REF_31              |
| (7) GRR_READY_IND     |                    |                       |

## (8) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_0               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU3          |

## (9) GRR\_DATA\_REQ

|                   |                       |
|-------------------|-----------------------|
| sapi              | LL_SAPI_3             |
| tlli              | TLLI_LOCAL_1          |
| grr_qos           | GRRREQ_QOS_PEAKSUB    |
| radio_prio        | GRR_RADIO_PRIO_3      |
| cause             | GRR_DTACS_DEF         |
| reserved_data_req | NOT_USED              |
| sdu               | RR_D3_NS497_NR0_A1_S3 |

## (10) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (11) GRR\_DATA\_IND\_TEST

|      |                |
|------|----------------|
| tlli | TLLI_LOCAL_1   |
| sdu  | RR_NR498_A0_S3 |

## (12) LL\_DATA\_CNF

|            |              |
|------------|--------------|
| sapi       | LL_SAPI_3    |
| tlli       | TLLI_LOCAL_1 |
| reference1 | A_REF_0      |

## (13) GRR\_READY\_IND

## (14) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | REF_1               |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU3          |

## (15) GRR\_DATA\_REQ

|                   |                       |
|-------------------|-----------------------|
| sapi              | LL_SAPI_3             |
| tlli              | TLLI_LOCAL_1          |
| grr_qos           | GRRREQ_QOS_PEAKSUB    |
| radio_prio        | GRR_RADIO_PRIO_3      |
| cause             | GRR_DTACS_DEF         |
| reserved_data_req | NOT_USED              |
| sdu               | RR_D3_NS498_NR0_A1_S3 |

## (16) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |



|      |   |  |
|------|---|--|
| (17) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR499_A0_S3   |
| (18) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_1   |
| (19) | GRR_READY_IND   |  |
| (20) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_2<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (21) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS499_NR0_A1_S3                                    |
| (22) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (23) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR500_A0_S3   |
| (24) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_2   |
| (25) | GRR_READY_IND   |  |
| (26) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_3<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (27) | GRR_DATA_REQ<br>sapi  | LL_SAPI_3  |

|      |   |  |
|------|---|--|
|      | tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS500_NR0_A1_S3   |
| (28) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (29) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR501_A0_S3   |
| (30) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_3   |
| (31) | GRR_READY_IND   |  |
| (32) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_4<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (33) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS501_NR0_A1_S3                                    |
| (34) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (35) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR502_A0_S3   |
| (36) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_4   |
| (37) | GRR_READY_IND   |  |
| (38) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5   |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_5                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (39) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS502_NR0_A1_S3 |
| (40) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (41) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR503_A0_S3        |
| (42) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_5               |
| (43) | GRR_READY_IND      |                       |
| (44) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_6                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (45) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS503_NR0_A1_S3 |
| (46) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (47) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR504_A0_S3        |

|      |   |  |
|------|---|--|
| (48) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_6   |
| (49) | GRR_READY_IND   |  |
| (50) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_7<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (51) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_D3_NS504_NR0_A1_S3                                  |
| (52) | LL_READY_IND<br>sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (53) | GRR_DATA_IND_TEST<br>tlli<br>sdu  | TLLI_LOCAL_1<br>RR_NR505_A0_S3   |
| (54) | LL_DATA_CNF<br>sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>A_REF_7   |
| (55) | GRR_READY_IND   |  |
| (56) | LL_DATA_REQ<br>sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>REF_8<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU3 |
| (57) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3  |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS505_NR0_A1_S3 |
| (58) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (59) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR506_A0_S3        |
| (60) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_8               |
| (61) | GRR_READY_IND      |                       |
| (62) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_9                 |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (63) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS506_NR0_A1_S3 |
| (64) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (65) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR507_A0_S3        |
| (66) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_9               |
| (67) | GRR_READY_IND      |                       |
| (68) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_10                |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (69) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS507_NR0_A1_S3 |
| (70) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (71) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR508_A0_S3        |
| (72) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_10              |
| (73) | GRR_READY_IND      |                       |
| (74) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_11                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (75) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS508_NR0_A1_S3 |
| (76) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (77) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR509_A0_S3        |
| (78) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_11              |
| (79) | GRR_READY_IND      |                       |
| (80) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_12                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (81) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS509_NR0_A1_S3 |
| (82) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (83) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR510_A0_S3        |
| (84) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_12              |
| (85) | GRR_READY_IND      |                       |
| (86) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_13                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (87) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKESSUB  |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |

|      |                    |                       |
|------|--------------------|-----------------------|
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS510_NR0_A1_S3 |
| (88) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (89) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR511_A0_S3        |
| (90) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_13              |
| (91) | GRR_READY_IND      |                       |
| (92) | LL_DATA_REQ        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | ll_qos             | LLREQ_QOS_DEL4_REL5   |
|      | radio_prio         | LL_RADIO_PRIO_3       |
|      | reserved_data_req1 | NOT_USED              |
|      | reference1         | REF_14                |
|      | seg_pos            | NOT_USED              |
|      | attached_counter   | LLC_NO_ATTACHE        |
|      | reserved_data_req4 | NOT_USED              |
|      | reserved_data_req5 | NOT_USED              |
|      | sdu                | LLREQ_SDU3            |
| (93) | GRR_DATA_REQ       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB    |
|      | radio_prio         | GRR_RADIO_PRIO_3      |
|      | cause              | GRR_DTACS_DEF         |
|      | reserved_data_req  | NOT_USED              |
|      | sdu                | RR_D3_NS511_NR0_A1_S3 |
| (94) | LL_READY_IND       |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
| (95) | GRR_DATA_IND_TEST  |                       |
|      | tlli               | TLLI_LOCAL_1          |
|      | sdu                | RR_NR0_A0_S3          |
| (96) | LL_DATA_CNF        |                       |
|      | sapi               | LL_SAPI_3             |
|      | tlli               | TLLI_LOCAL_1          |
|      | reference1         | A_REF_14              |

## History:

22-Mar-2001

GS

Initial



### 3.16 Acknowledged receipt of frames (LLC800-LLC899)

#### 3.16.1 LLC801: ABM - Receive of a full window of 16 frames; RR send; LL is not ready

Description:

LLC receives acknowledged data frames. After the complete window (16 frames for SAPI 3) has been received with the A bit set to 1 in last frame, an RR frame must be sent by LLC.

Preamble:

| LLC400A        |     |    |                   |
|----------------|-----|----|-------------------|
|                | GMM | L3 | LLC RLC/MAC       |
| (1)            |     |    | GRR_READY_IND     |
|                |     |    | *<=====*          |
| (2)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (3)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (4)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (5)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (6)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (7)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (8)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| TIMEOUT (1000) |     |    |                   |
| (9)            |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (10)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (11)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (12)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (13)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (14)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (15)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (16)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| TIMEOUT (1000) |     |    |                   |
| (17)           |     |    | GRR_DATA_IND_TEST |
|                |     |    | *<=====*          |
| (18)           |     |    | GRR_DATA_REQ      |
|                |     |    | *=====*>*         |
|                |     |    |                   |

Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                        |             |  |
|------------------------|-------------|--|
| (1) GRR_READY_IND      |             |  |
| (2) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS0_NR0_SDU100_SAPI3  |
| (3) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS1_NR0_SDU100_SAPI3  |
| (4) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS2_NR0_SDU100_SAPI3  |
| (5) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS3_NR0_SDU100_SAPI3  |
| (6) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS4_NR0_SDU100_SAPI3  |
| (7) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS5_NR0_SDU100_SAPI3  |
| (8) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS6_NR0_SDU100_SAPI3  |
| (9) GRR_DATA_IND_TEST  | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS7_NR0_SDU100_SAPI3  |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS8_NR0_SDU100_SAPI3  |
| (11) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS9_NR0_SDU100_SAPI3  |
| (12) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS10_NR0_SDU100_SAPI3 |
| (13) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS11_NR0_SDU100_SAPI3 |
| (14) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS12_NR0_SDU100_SAPI3 |
| (15) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS13_NR0_SDU100_SAPI3 |
| (16) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS14_NR0_SDU100_SAPI3 |
| (17) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>GRRIND_NS15_NR0_SDU100_SAPI3 |

## (18) GRR\_DATA\_REQ

|                   |                      |
|-------------------|----------------------|
| sapi              | LL_SAPI_3            |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKESSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | GRRIND_RR_NR16_SAPI3 |

## History:

|             |     |         |
|-------------|-----|---------|
| 08-Sep-2000 | SLM | Initial |
|-------------|-----|---------|

**3.16.2 LLC802: ABM - Receive of a full window of 16 frames; RR send and data forwarded to LL**

## Description:

LLC receives acknowledged data frames. Each frame is forwarded after a get data request to LL. The last frame is received with A bit set to 1. Therefore an RR including an acknowledge for all frames.

## Preamble:

LLC400A

|      | GMM | L3             | LLC               | RLC/MAC |
|------|-----|----------------|-------------------|---------|
| (1)  |     |                | GRR_READY_IND     |         |
|      |     |                | *<=====*          |         |
| (2)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (3)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (4)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (5)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (6)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (7)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (8)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (9)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (10) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (11) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (12) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (13) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (14) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (15) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (16) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (17) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (18) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (19) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (20) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (21) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (22) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (23) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (24) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (25) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (26) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (27) |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (28) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (29) |     | LL_GETDATA_REQ |                   |         |

```

(30)      |      *=====>*      |
          |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(31)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(32)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(33)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(34)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(35)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(36)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(37)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(38)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(39)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(40)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(41)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(42)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(43)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(44)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(45)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(46)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(47)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(48)      |      |      GRR_DATA_IND_TEST      |
          |      |      *<=====*      |
(49)      |      |      LL_DATA_IND      |
          |      |      *<=====*      |
(50)      |      |      LL_GETDATA_REQ      |
          |      |      *=====>*      |
(51)      |      |      GRR_DATA_REQ      |
          |      |      *=====>*      |

```

**Parametrization:**

| Primitive             | Parameter   | Value                                       |
|-----------------------|-------------|---|
| (1) GRR_READY_IND     |             |   |
| (2) LL_GETDATA_REQ    | sapi<br>tli | LL_SAPI_3<br>TLLI_LOCAL_1                   |
| (3) GRR_DATA_IND_TEST | tli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS0_NR0_SDU100_SAPI3 |

## (4) LL\_DATA\_IND

|                    |                           |
|--------------------|---------------------------|
| sapi               | LL_SAPI_3                 |
| tlli               | TLLI_LOCAL_1              |
| reserved_data_ind1 | NOT_USED                  |
| reserved_data_ind2 | NOT_USED                  |
| reserved_data_ind3 | NOT_USED                  |
| reserved_data_ind4 | NOT_USED                  |
| reserved_data_ind5 | NOT_USED                  |
| reserved_data_ind6 | NOT_USED                  |
| sdu                | LLDATAIND_SDU100_N0_SAPI3 |

## (5) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (6) GRR\_DATA\_IND\_TEST

|      |                             |
|------|-----------------------------|
| tlli | TLLI_LOCAL_1                |
| sdu  | GRRIND_NS1_NR0_SDU100_SAPI3 |

## (7) LL\_DATA\_IND

|                    |                           |
|--------------------|---------------------------|
| sapi               | LL_SAPI_3                 |
| tlli               | TLLI_LOCAL_1              |
| reserved_data_ind1 | NOT_USED                  |
| reserved_data_ind2 | NOT_USED                  |
| reserved_data_ind3 | NOT_USED                  |
| reserved_data_ind4 | NOT_USED                  |
| reserved_data_ind5 | NOT_USED                  |
| reserved_data_ind6 | NOT_USED                  |
| sdu                | LLDATAIND_SDU100_N1_SAPI3 |

## (8) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (9) GRR\_DATA\_IND\_TEST

|      |                             |
|------|-----------------------------|
| tlli | TLLI_LOCAL_1                |
| sdu  | GRRIND_NS2_NR0_SDU100_SAPI3 |

## (10) LL\_DATA\_IND

|                    |                           |
|--------------------|---------------------------|
| sapi               | LL_SAPI_3                 |
| tlli               | TLLI_LOCAL_1              |
| reserved_data_ind1 | NOT_USED                  |
| reserved_data_ind2 | NOT_USED                  |
| reserved_data_ind3 | NOT_USED                  |
| reserved_data_ind4 | NOT_USED                  |
| reserved_data_ind5 | NOT_USED                  |
| reserved_data_ind6 | NOT_USED                  |
| sdu                | LLDATAIND_SDU100_N2_SAPI3 |

## (11) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (12) GRR\_DATA\_IND\_TEST

|      |                             |
|------|-----------------------------|
| tlli | TLLI_LOCAL_1                |
| sdu  | GRRIND_NS3_NR0_SDU100_SAPI3 |

## (13) LL\_DATA\_IND

|                    |              |
|--------------------|--------------|
| sapi               | LL_SAPI_3    |
| tlli               | TLLI_LOCAL_1 |
| reserved_data_ind1 | NOT_USED     |
| reserved_data_ind2 | NOT_USED     |

|                        |                    |                             |
|------------------------|--------------------|-----------------------------|
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N3_SAPI3   |
| (14) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
| (15) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS4_NR0_SDU100_SAPI3 |
| (16) LL_DATA_IND       | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
|                        | reserved_data_ind1 | NOT_USED                    |
|                        | reserved_data_ind2 | NOT_USED                    |
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N4_SAPI3   |
| (17) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
| (18) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS5_NR0_SDU100_SAPI3 |
| (19) LL_DATA_IND       | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
|                        | reserved_data_ind1 | NOT_USED                    |
|                        | reserved_data_ind2 | NOT_USED                    |
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N5_SAPI3   |
| (20) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
| (21) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS6_NR0_SDU100_SAPI3 |
| (22) LL_DATA_IND       | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
|                        | reserved_data_ind1 | NOT_USED                    |
|                        | reserved_data_ind2 | NOT_USED                    |
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N6_SAPI3   |

|                        |   |  |
|------------------------|---|--|
| (23) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (24) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS7_NR0_SDU100_SAPI3  |
| (25) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N7_SAPI3 |
| (26) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (27) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS8_NR0_SDU100_SAPI3  |
| (28) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N8_SAPI3 |
| (29) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (30) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS9_NR0_SDU100_SAPI3  |
| (31) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N9_SAPI3 |
| (32) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |



|                        |   |   |
|------------------------|---|---|
| (33) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS10_NR0_SDU100_SAPI3  |
| (34) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N10_SAPI3 |
| (35) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (36) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS11_NR0_SDU100_SAPI3  |
| (37) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N11_SAPI3 |
| (38) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (39) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS12_NR0_SDU100_SAPI3  |
| (40) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N12_SAPI3 |
| (41) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (42) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS13_NR0_SDU100_SAPI3  |
| (43) LL_DATA_IND       | sapi  | LL_SAPI_3   |

|                        |                    |                              |
|------------------------|--------------------|------------------------------|
|                        | tlli               | TLLI_LOCAL_1                 |
|                        | reserved_data_ind1 | NOT_USED                     |
|                        | reserved_data_ind2 | NOT_USED                     |
|                        | reserved_data_ind3 | NOT_USED                     |
|                        | reserved_data_ind4 | NOT_USED                     |
|                        | reserved_data_ind5 | NOT_USED                     |
|                        | reserved_data_ind6 | NOT_USED                     |
|                        | sdu                | LLDATAIND_SDU100_N13_SAPI3   |
| (44) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
| (45) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                 |
|                        | sdu                | GRRIND_NS14_NR0_SDU100_SAPI3 |
| (46) LL_DATA_IND       | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
|                        | reserved_data_ind1 | NOT_USED                     |
|                        | reserved_data_ind2 | NOT_USED                     |
|                        | reserved_data_ind3 | NOT_USED                     |
|                        | reserved_data_ind4 | NOT_USED                     |
|                        | reserved_data_ind5 | NOT_USED                     |
|                        | reserved_data_ind6 | NOT_USED                     |
|                        | sdu                | LLDATAIND_SDU100_N14_SAPI3   |
| (47) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
| (48) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                 |
|                        | sdu                | GRRIND_NS15_NR0_SDU100_SAPI3 |
| (49) LL_DATA_IND       | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
|                        | reserved_data_ind1 | NOT_USED                     |
|                        | reserved_data_ind2 | NOT_USED                     |
|                        | reserved_data_ind3 | NOT_USED                     |
|                        | reserved_data_ind4 | NOT_USED                     |
|                        | reserved_data_ind5 | NOT_USED                     |
|                        | reserved_data_ind6 | NOT_USED                     |
|                        | sdu                | LLDATAIND_SDU100_N15A1_SAPI3 |
| (50) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
| (51) GRR_DATA_REQ      | sapi               | LL_SAPI_3                    |
|                        | tlli               | TLLI_LOCAL_1                 |
|                        | grr_qos            | GRRREQ_QOS_PEAKSUB           |
|                        | radio_prio         | GRR_RADIO_PRIO_1             |
|                        | cause              | GRR_DTACS_DEF                |
|                        | reserved_data_req  | NOT_USED                     |
|                        | sdu                | GRRIND_RR_NR16_SAPI3         |

History:

08-Nov-2000

GS

Initial

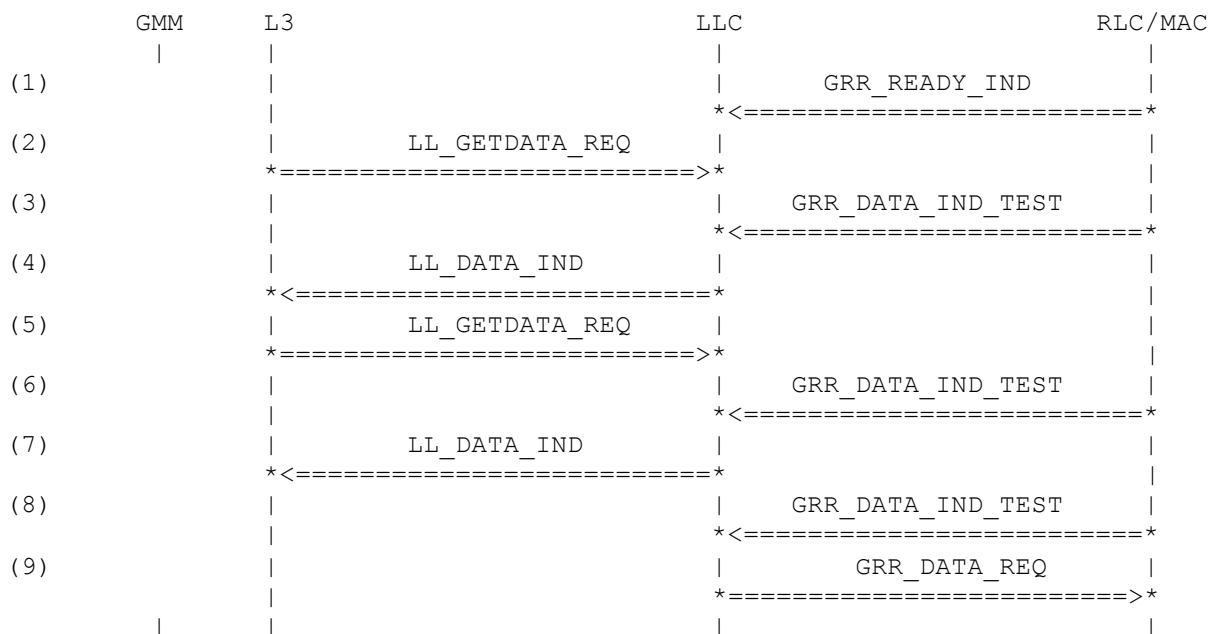
**3.16.3 LLC810: ABM - Receive of frames, one missing; ACK send**

Description:

LLC receives acknowledged data frames. One frame number in sequence is missing. Therefore an ACK is send to the peer.

Preamble:

LLC400A



Parametrization:

| Primitive             | Parameter          | Value                       |
|-----------------------|--------------------|-----------------------------|
| (1) GRR_READY_IND     |                    |                             |
| (2) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                   |
|                       | tlli               | TLLI_LOCAL_1                |
| (3) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                |
|                       | sdu                | GRRIND_NS0_NR0_SDU100_SAPI3 |
| (4) LL_DATA_IND       | sapi               | LL_SAPI_3                   |
|                       | tlli               | TLLI_LOCAL_1                |
|                       | reserved_data_ind1 | NOT_USED                    |
|                       | reserved_data_ind2 | NOT_USED                    |
|                       | reserved_data_ind3 | NOT_USED                    |
|                       | reserved_data_ind4 | NOT_USED                    |
|                       | reserved_data_ind5 | NOT_USED                    |

|                       |   |  |
|-----------------------|---|--|
|                       | reserved_data_ind6<br>sdu   | NOT_USED<br>LLDATAIND_SDU100_N0_SAPI3  |
| (5) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (6) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS1_NR0_SDU100_SAPI3  |
| (7) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N1_SAPI3 |
| (8) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS3_NR0_SDU100_SAPI3  |
| (9) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_ACK_NR2_SAPI3       |

History:

08-Nov-2000

GS

Initial

**3.16.4 LLC811: ABM - Receive of missing frame; Frames forwarded to L3**

Description:

LLC receives the retransmitted data frame and then the next new one with A bit set to 1. All in sequence acknowledge frames are forwarded to LL and a RR is send to the peer.

Preamble:

LLC810

|      | GMM | L3             | LLC               | RLC/MAC |
|------|-----|----------------|-------------------|---------|
| (1)  |     |                | GRR_READY_IND     |         |
| (2)  |     |                | *<=====*          |         |
|      |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (3)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (4)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (5)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (6)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (7)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (8)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (9)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (10) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (11) |     |                | GRR_DATA_REQ      |         |
|      |     |                | *=====>*          |         |
|      |     |                |                   |         |

**Parametrization:**

| Primitive             | Parameter   | Value  |
|-----------------------|---|--|
| (1) GRR_READY_IND     |   |  |
| (2) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS2_NR0_SDU100_SAPI3  |
| (3) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (4) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N2_SAPI3 |
| (5) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (6) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3  | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED  |

|                       |                    |                                |
|-----------------------|--------------------|--------------------------------|
|                       | reserved_data_ind4 | NOT_USED                       |
|                       | reserved_data_ind5 | NOT_USED                       |
|                       | reserved_data_ind6 | NOT_USED                       |
|                       | sdu                | LLDATAIND_SDU100_N3_SAPI3      |
| (7) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
| (8) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                   |
|                       | sdu                | GRRIND_NS4_NR0_SDU100_A1_SAPI3 |
| (9) LL_DATA_IND       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | reserved_data_ind1 | NOT_USED                       |
|                       | reserved_data_ind2 | NOT_USED                       |
|                       | reserved_data_ind3 | NOT_USED                       |
|                       | reserved_data_ind4 | NOT_USED                       |
|                       | reserved_data_ind5 | NOT_USED                       |
|                       | reserved_data_ind6 | NOT_USED                       |
|                       | sdu                | LLDATAIND_SDU100_N4A1_SAPI3    |
| (10) LL_GETDATA_REQ   | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
| (11) GRR_DATA_REQ     | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | grr_qos            | GRRREQ_QOS_PEAKSUB             |
|                       | radio_prio         | GRR_RADIO_PRIO_1               |
|                       | cause              | GRR_DTACS_DEF                  |
|                       | reserved_data_req  | NOT_USED                       |
|                       | sdu                | GRRIND_RR_NR5_A0_SAPI3         |

History:

08-Nov-2000

GS

Initial

**3.16.5 LLC812: ABM - Receive of missing frame; L3 not ready**

Description:

LLC receives the retransmitted data frame and then the next new one with A bit set to 1. All in sequence acknowledge frames are forwarded to LL and a RR is send to the peer.

Preamble:

LLC810

|     | GMM | L3 | LLC               | RLC/MAC |
|-----|-----|----|-------------------|---------|
| (1) |     |    | GRR_READY_IND     |         |
| (2) |     |    | *<=====*          |         |
| (3) |     |    | GRR_DATA_IND_TEST |         |
| (4) |     |    | *<=====*          |         |
|     |     |    | GRR_DATA_IND_TEST |         |
|     |     |    | *<=====*          |         |
|     |     |    | GRR_DATA_REQ      |         |
|     |     |    | *=====*>*         |         |
|     |     |    |                   |         |

**Parametrization:**

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_READY_IND     |  |  |
| (2) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS2_NR0_SDU100_SAPI3  |
| (3) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS4_NR0_SDU100_A1_SAPI3   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR5_A0_SAPI3 |

## History:

|             |    |         |
|-------------|----|---------|
| 08-Nov-2000 | GS | Initial |
|-------------|----|---------|

**3.16.6 LLC813: ABM - Forward of frame sequence to L3**

## Description:

LLC receives the retransmitted data frame and then the next new one with A bit set to 1. All in sequence acknowledge frames are forwarded to LL and a RR is send to the peer.

## Preamble:

LLC812

|                | GMM | L3             | LLC | RLC/MAC |
|----------------|-----|----------------|-----|---------|
| (1)            |     | LL_GETDATA_REQ |     |         |
|                |     | *=====>*       |     |         |
| (2)            |     | LL_DATA_IND    |     |         |
|                |     | *<=====*       |     |         |
| (3)            |     | LL_GETDATA_REQ |     |         |
|                |     | *=====>*       |     |         |
| (4)            |     | LL_DATA_IND    |     |         |
|                |     | *<=====*       |     |         |
| (5)            |     | LL_GETDATA_REQ |     |         |
|                |     | *=====>*       |     |         |
| (6)            |     | LL_DATA_IND    |     |         |
|                |     | *<=====*       |     |         |
| (7)            |     | LL_GETDATA_REQ |     |         |
|                |     | *=====>*       |     |         |
| TIMEOUT (1000) |     |                |     |         |

**Parametrization:**

| Primitive          | Parameter   | Value  |
|--------------------|---|--|
| (1) LL_GETDATA_REQ | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (2) LL_DATA_IND    | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N2_SAPI3 |
| (3) LL_GETDATA_REQ | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (4) LL_DATA_IND    | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N3_SAPI3 |
| (5) LL_GETDATA_REQ | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (6) LL_DATA_IND    | sapi<br>tlli<br>reserved_data_ind1  | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED  |



|                    |                    |                             |
|--------------------|--------------------|-----------------------------|
|                    | reserved_data_ind2 | NOT_USED                    |
|                    | reserved_data_ind3 | NOT_USED                    |
|                    | reserved_data_ind4 | NOT_USED                    |
|                    | reserved_data_ind5 | NOT_USED                    |
|                    | reserved_data_ind6 | NOT_USED                    |
|                    | sdu                | LLDATAIND_SDU100_N4A1_SAPI3 |
| (7) LL_GETDATA_REQ |                    |                             |
|                    | sapi               | LL_SAPI_3                   |
|                    | tlli               | TLLI_LOCAL_1                |

History:

|             |    |         |
|-------------|----|---------|
| 08-Nov-2000 | GS | Initial |
|-------------|----|---------|

### 3.16.7 LLC814: ABM - Receive of new frames and the one missing frame; Frames forwarded to L3

Description:

LLC receives new frames and then the retransmitted data frame. All in sequence acknowledge frames are forwarded to LL each after a get data request of L3.

Preamble:

LLC810

|                | GMM | L3             | LLC               | RLC/MAC |
|----------------|-----|----------------|-------------------|---------|
| (1)            |     |                | GRR_READY_IND     |         |
| (2)            |     | LL_GETDATA_REQ | *<=====*          |         |
| (3)            |     |                | GRR_DATA_IND_TEST |         |
| (4)            |     |                | GRR_DATA_IND_TEST |         |
| (5)            |     |                | GRR_DATA_IND_TEST |         |
| (6)            |     |                | GRR_DATA_IND_TEST |         |
| (7)            |     | LL_DATA_IND    | *<=====*          |         |
| (8)            |     | LL_GETDATA_REQ | *=====>*          |         |
| (9)            |     | LL_DATA_IND    | *<=====*          |         |
| (10)           |     | LL_GETDATA_REQ | *=====>*          |         |
| (11)           |     | LL_DATA_IND    | *<=====*          |         |
| (12)           |     | LL_GETDATA_REQ | *=====>*          |         |
| (13)           |     | LL_DATA_IND    | *<=====*          |         |
| (14)           |     | LL_GETDATA_REQ | *=====>*          |         |
| (15)           |     | LL_DATA_IND    | *<=====*          |         |
| (16)           |     | LL_GETDATA_REQ | *=====>*          |         |
| TIMEOUT (1000) |     |                |                   |         |

**Parametrization:**

| Primitive             | Parameter    | Value                                       |
|-----------------------|--------------|---|
| (1) GRR_READY_IND     |              |   |
| (2) LL_GETDATA_REQ    | sapi<br>tlli | LL_SAPI_3<br>TLLI_LOCAL_1                   |
| (3) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS4_NR0_SDU100_SAPI3 |
| (4) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS5_NR0_SDU100_SAPI3 |
| (5) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS6_NR0_SDU100_SAPI3 |

|                       |   |  |
|-----------------------|---|--|
| (6) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS2_NR0_SDU100_SAPI3  |
| (7) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N2_SAPI3 |
| (8) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (9) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N3_SAPI3 |
| (10) LL_GETDATA_REQ   | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (11) LL_DATA_IND      | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N4_SAPI3 |
| (12) LL_GETDATA_REQ   | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (13) LL_DATA_IND      | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N5_SAPI3 |

(14) LL\_GETDATA\_REQ

sapi  
tlliLL\_SAPI\_3  
TLLI\_LOCAL\_1

(15) LL\_DATA\_IND

sapi  
tlli  
reserved\_data\_ind1  
reserved\_data\_ind2  
reserved\_data\_ind3  
reserved\_data\_ind4  
reserved\_data\_ind5  
reserved\_data\_ind6  
sduLL\_SAPI\_3  
TLLI\_LOCAL\_1  
NOT\_USED  
NOT\_USED  
NOT\_USED  
NOT\_USED  
NOT\_USED  
NOT\_USED  
LLDATAIND\_SDUI00\_N6\_SAPI3

(16) LL\_GETDATA\_REQ

sapi  
tlliLL\_SAPI\_3  
TLLI\_LOCAL\_1

History:

09-Nov-2000

GS

Initial

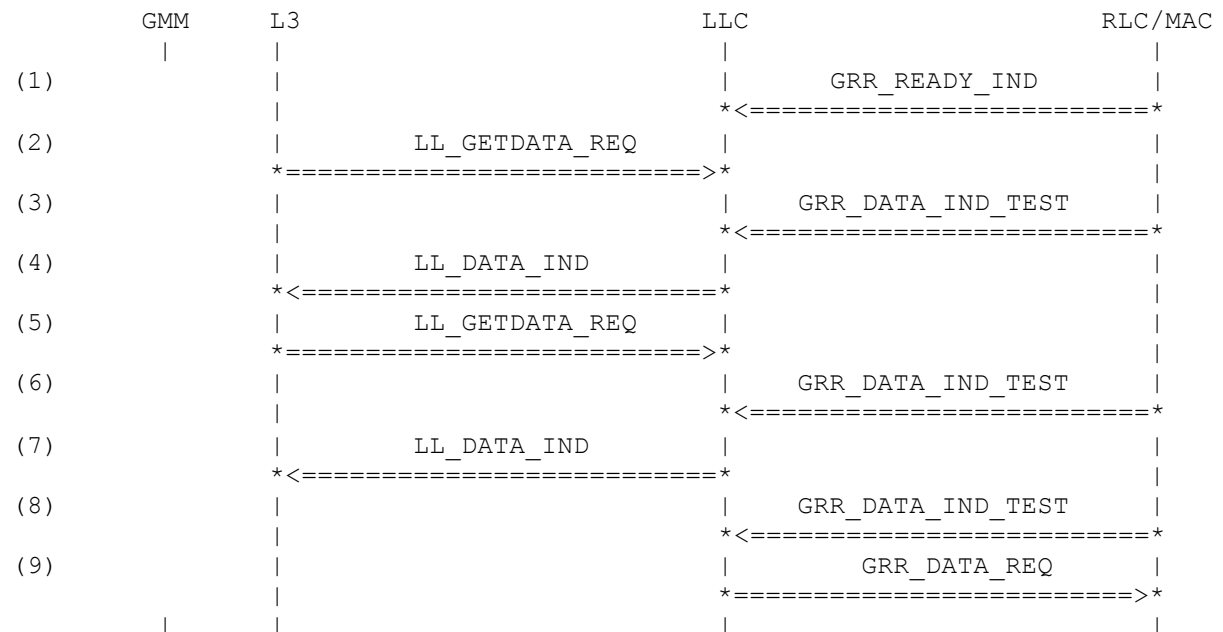
**3.16.8 LLC820: ABM - Receive of frames, two missing; SACK send**

Description:

LLC receives acknowledged data frames. Two frames in sequence are missing. LLC sends an SACK to the peer entity.

Preamble:

LLC400A



Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

|                       |   |  |
|-----------------------|---|--|
| (1) GRR_READY_IND     |   |  |
| (2) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (3) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS0_NR0_SDU100_SAPI3  |
| (4) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N0_SAPI3 |
| (5) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (6) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS1_NR0_SDU100_SAPI3  |
| (7) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N1_SAPI3 |
| (8) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS4_NR0_SDU100_SAPI3  |
| (9) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_SACK_NR2_R1_SAPI3   |

History:

08-Nov-2000

GS

Initial

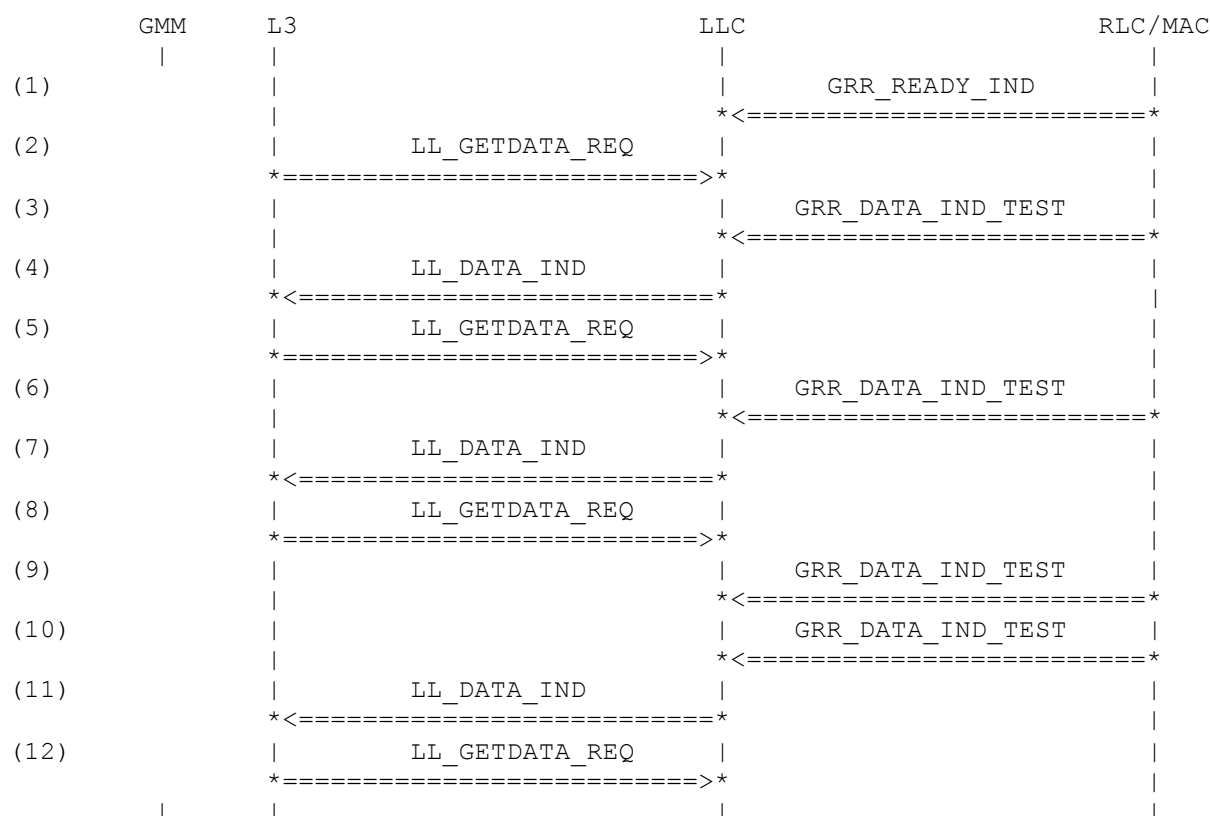
**3.16.9 LLC830: ABM - Receive of a duplicated frame; Original frame is already forwarded to L3**

Description:

LLC receives acknowledged data frames. One frames is duplicated (N(s) equal N(S) of last frame) and the original frame is already forwarded to L3. LLC ignores the frame.

Preamble:

LLC400A



Parametrization:

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_READY_IND     |  |   |
| (2) LL_GETDATA_REQ    | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1                         |
| (3) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_NS0_NR0_SDU100_SAPI3       |
| (4) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2 | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED |

|                        |                    |                             |
|------------------------|--------------------|-----------------------------|
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N0_SAPI3   |
| (5) LL_GETDATA_REQ     | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
| (6) GRR_DATA_IND_TEST  | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS1_NR0_SDU100_SAPI3 |
| (7) LL_DATA_IND        | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
|                        | reserved_data_ind1 | NOT_USED                    |
|                        | reserved_data_ind2 | NOT_USED                    |
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N1_SAPI3   |
| (8) LL_GETDATA_REQ     | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
| (9) GRR_DATA_IND_TEST  | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS1_NR0_SDU100_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                |
|                        | sdu                | GRRIND_NS2_NR0_SDU100_SAPI3 |
| (11) LL_DATA_IND       | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |
|                        | reserved_data_ind1 | NOT_USED                    |
|                        | reserved_data_ind2 | NOT_USED                    |
|                        | reserved_data_ind3 | NOT_USED                    |
|                        | reserved_data_ind4 | NOT_USED                    |
|                        | reserved_data_ind5 | NOT_USED                    |
|                        | reserved_data_ind6 | NOT_USED                    |
|                        | sdu                | LLDATAIND_SDU100_N2_SAPI3   |
| (12) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                   |
|                        | tlli               | TLLI_LOCAL_1                |

History:

09-Nov-2000

GS

Initial

**3.16.10 LLC831: ABM - Receive of a duplicated frame; Original frame is queued to be forwarded to L3**

Description:

LLC receives acknowledged data frames. One frames is duplicated (N(s) equal N(S) of last frame) and the original frame is ready to be forwarded to L3. LLC ignores the frame.

Preamble:

LLC400A

|      | GMM | L3             | LLC               | RLC/MAC |
|------|-----|----------------|-------------------|---------|
| (1)  |     |                | GRR_READY_IND     |         |
|      |     |                | *<=====*          |         |
| (2)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (3)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (4)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (5)  |     |                | GRR_DATA_IND_TEST |         |
|      |     |                | *<=====*          |         |
| (6)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (7)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (8)  |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (9)  |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (10) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
| (11) |     | LL_DATA_IND    |                   |         |
|      |     | *<=====*       |                   |         |
| (12) |     | LL_GETDATA_REQ |                   |         |
|      |     | *=====>*       |                   |         |
|      |     |                |                   |         |

**Parametrization:**

| Primitive             | Parameter | Value                       |
|-----------------------|-----------|-----------------------------|
| (1) GRR_READY_IND     |           |                             |
| (2) GRR_DATA_IND_TEST |           |                             |
|                       | tlli      | TLLI_LOCAL_1                |
|                       | sdu       | GRRIND_NS0_NR0_SDU100_SAPI3 |
| (3) GRR_DATA_IND_TEST |           |                             |
|                       | tlli      | TLLI_LOCAL_1                |
|                       | sdu       | GRRIND_NS1_NR0_SDU100_SAPI3 |
| (4) GRR_DATA_IND_TEST |           |                             |
|                       | tlli      | TLLI_LOCAL_1                |
|                       | sdu       | GRRIND_NS1_NR0_SDU100_SAPI3 |



|                       |   |  |
|-----------------------|---|--|
| (5) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1<br>GRRIND_NS2_NR0_SDU100_SAPI3  |
| (6) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (7) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N0_SAPI3 |
| (8) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (9) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N1_SAPI3 |
| (10) LL_GETDATA_REQ   | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (11) LL_DATA_IND      | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N2_SAPI3 |
| (12) LL_GETDATA_REQ   | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |

## History:

09-Nov-2000

GS

Initial

**3.16.11 LLC840: ABM - Receive of 31 I-Frames per variant; PDUs forwarded to L3**

## Description:

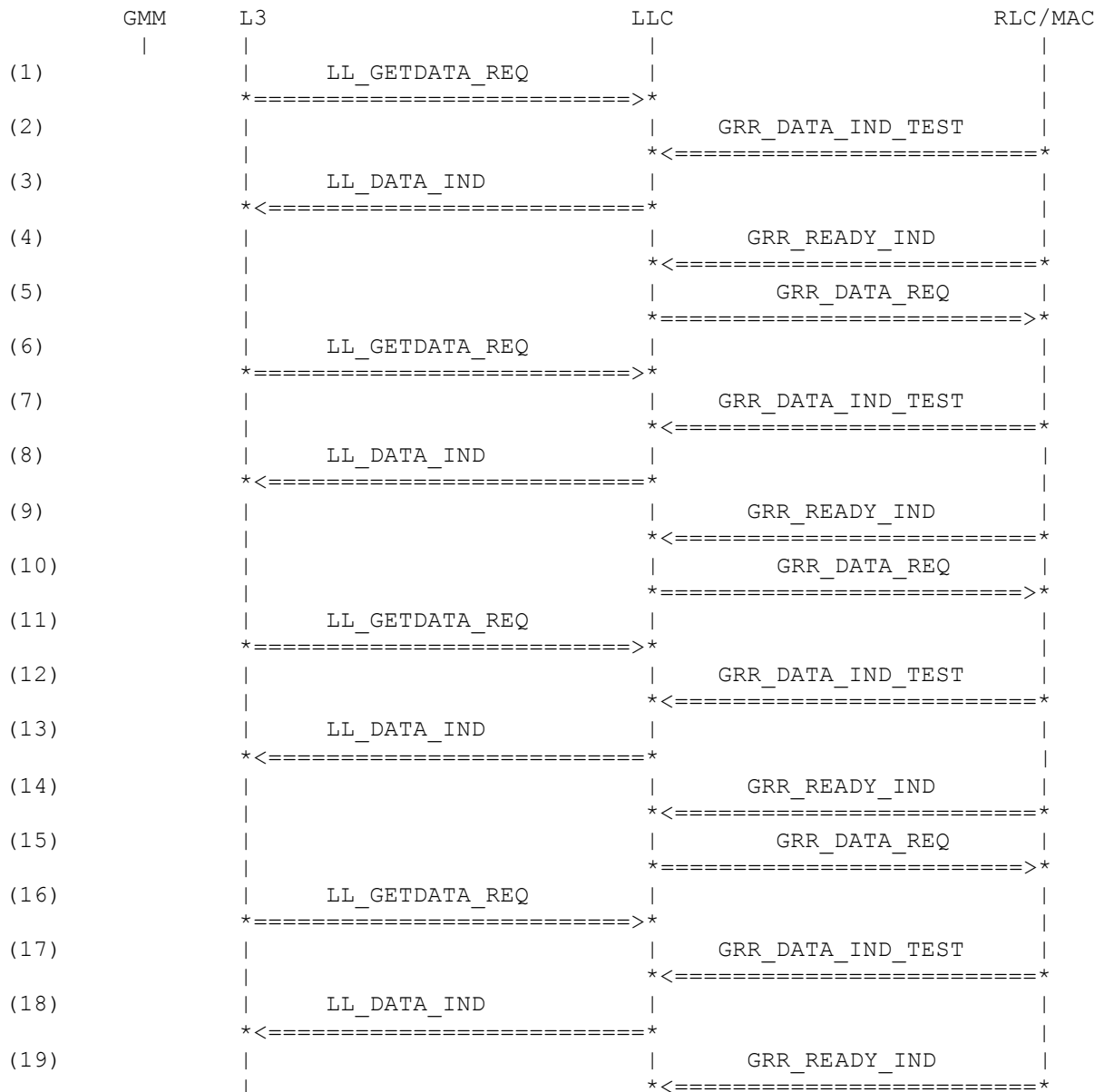
LLC receives 31 I-Frames from the RLC/MAC layer. LLC sends an RR to the peer entity and forwards the PDU to L3.  
If variant P is used, altogether 496 I-frames are transmitted.

## Variants:

&lt;A&gt;....&lt;P&gt;

## Preamble:

<A>LLC400A  
 <B>LLC840A  
 <C>LLC840B  
 <D>LLC840C  
 <E>LLC840D  
 <F>LLC840E  
 <G>LLC840F  
 <H>LLC840G  
 <I>LLC840H  
 <J>LLC840I  
 <K>LLC840J  
 <L>LLC840K  
 <M>LLC840L  
 <N>LLC840M  
 <O>LLC840N  
 <P>LLC840O

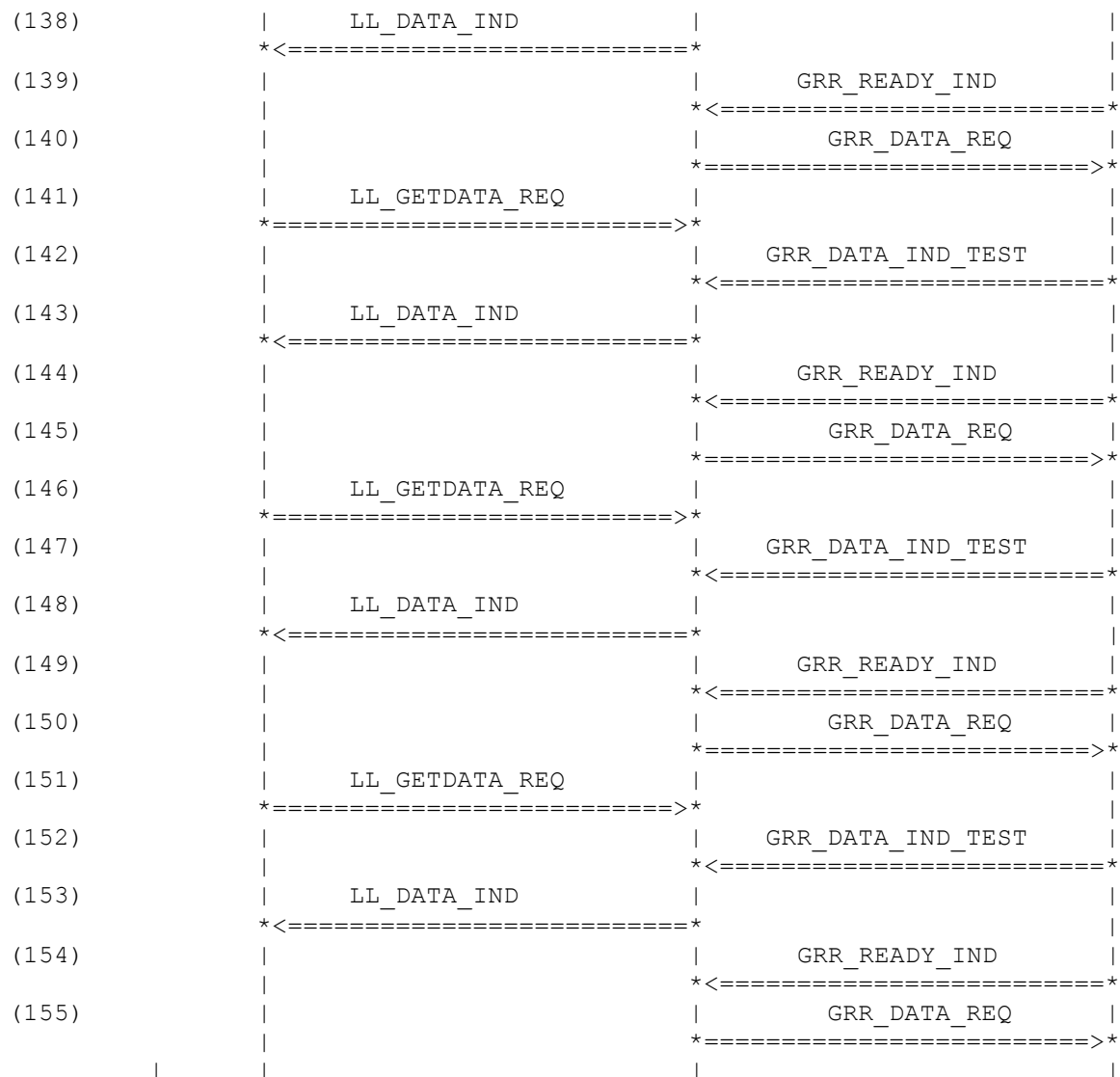


|      |  |                |                   |  |
|------|--|----------------|-------------------|--|
| (20) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (21) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (22) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (23) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (24) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====*          |  |
| (25) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (26) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (27) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (28) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (29) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====*          |  |
| (30) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (31) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (32) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (33) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (34) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====*          |  |
| (35) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (36) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (37) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (38) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (39) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====*          |  |
| (40) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (41) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (42) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (43) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (44) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====*          |  |
| (45) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (46) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (47) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====*          |  |
| (48) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====*       |                   |  |
| (49) |  |                | GRR_READY_IND     |  |

|      |          |                |                   |
|------|----------|----------------|-------------------|
| (50) |          |                | *<=====*          |
|      |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (51) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (52) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (53) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |
| (54) |          |                | GRR_READY_IND     |
|      |          |                | *<=====*          |
| (55) |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (56) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (57) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (58) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |
| (59) |          |                | GRR_READY_IND     |
|      |          |                | *<=====*          |
| (60) |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (61) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (62) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (63) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |
| (64) |          |                | GRR_READY_IND     |
|      |          |                | *<=====*          |
| (65) |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (66) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (67) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (68) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |
| (69) |          |                | GRR_READY_IND     |
|      |          |                | *<=====*          |
| (70) |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (71) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (72) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (73) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |
| (74) |          |                | GRR_READY_IND     |
|      |          |                | *<=====*          |
| (75) |          |                | GRR_DATA_REQ      |
|      |          |                | *=====>*          |
| (76) |          | LL_GETDATA_REQ |                   |
|      | *=====>* |                |                   |
| (77) |          |                | GRR_DATA_IND_TEST |
|      |          |                | *<=====*          |
| (78) |          | LL_DATA_IND    |                   |
|      | *<=====* |                |                   |

|       |  |                |                   |  |
|-------|--|----------------|-------------------|--|
| (79)  |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (80)  |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (81)  |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (82)  |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (83)  |  | LL_DATA_IND    |                   |  |
|       |  | *<=====        |                   |  |
| (84)  |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (85)  |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (86)  |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (87)  |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (88)  |  | LL_DATA_IND    |                   |  |
|       |  | *<=====        |                   |  |
| (89)  |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (90)  |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (91)  |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (92)  |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (93)  |  | LL_DATA_IND    |                   |  |
|       |  | *<=====        |                   |  |
| (94)  |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (95)  |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (96)  |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (97)  |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (98)  |  | LL_DATA_IND    |                   |  |
|       |  | *<=====        |                   |  |
| (99)  |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (100) |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (101) |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (102) |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (103) |  | LL_DATA_IND    |                   |  |
|       |  | *<=====        |                   |  |
| (104) |  |                | GRR_READY_IND     |  |
|       |  |                | *<=====           |  |
| (105) |  |                | GRR_DATA_REQ      |  |
|       |  |                | *=====>           |  |
| (106) |  | LL_GETDATA_REQ |                   |  |
|       |  | *=====>        |                   |  |
| (107) |  |                | GRR_DATA_IND_TEST |  |
|       |  |                | *<=====           |  |
| (108) |  | LL_DATA_IND    |                   |  |

|       |  |                |                   |  |
|-------|--|----------------|-------------------|--|
| (109) |  |                | GRR_READY_IND     |  |
| (110) |  |                | GRR_DATA_REQ      |  |
| (111) |  | LL_GETDATA_REQ |                   |  |
| (112) |  |                | GRR_DATA_IND_TEST |  |
| (113) |  | LL_DATA_IND    |                   |  |
| (114) |  |                | GRR_READY_IND     |  |
| (115) |  |                | GRR_DATA_REQ      |  |
| (116) |  | LL_GETDATA_REQ |                   |  |
| (117) |  |                | GRR_DATA_IND_TEST |  |
| (118) |  | LL_DATA_IND    |                   |  |
| (119) |  |                | GRR_READY_IND     |  |
| (120) |  |                | GRR_DATA_REQ      |  |
| (121) |  | LL_GETDATA_REQ |                   |  |
| (122) |  |                | GRR_DATA_IND_TEST |  |
| (123) |  | LL_DATA_IND    |                   |  |
| (124) |  |                | GRR_READY_IND     |  |
| (125) |  |                | GRR_DATA_REQ      |  |
| (126) |  | LL_GETDATA_REQ |                   |  |
| (127) |  |                | GRR_DATA_IND_TEST |  |
| (128) |  | LL_DATA_IND    |                   |  |
| (129) |  |                | GRR_READY_IND     |  |
| (130) |  |                | GRR_DATA_REQ      |  |
| (131) |  | LL_GETDATA_REQ |                   |  |
| (132) |  |                | GRR_DATA_IND_TEST |  |
| (133) |  | LL_DATA_IND    |                   |  |
| (134) |  |                | GRR_READY_IND     |  |
| (135) |  |                | GRR_DATA_REQ      |  |
| (136) |  | LL_GETDATA_REQ |                   |  |
| (137) |  |                | GRR_DATA_IND_TEST |  |

**Parametrization:**

| Primitive             | Parameter    | Value                     |
|-----------------------|--------------|---------------------------|
| (1) LL_GETDATA_REQ    | sapi<br>tlli | LL_SAPI_3<br>TLLI_LOCAL_1 |
| (2) GRR_DATA_IND_TEST | tlli         | TLLI_LOCAL_1              |
| <A>                   | sdu          | RR_D3_NS0_NR0_A1_S3       |
| <B>                   | sdu          | RR_D3_NS31_NR0_A1_S3      |
| <C>                   | sdu          | RR_D3_NS62_NR0_A1_S3      |
| <D>                   | sdu          | RR_D3_NS93_NR0_A1_S3      |
| <E>                   | sdu          | RR_D3_NS124_NR0_A1_S3     |
| <F>                   | sdu          | RR_D3_NS155_NR0_A1_S3     |
| <G>                   | sdu          | RR_D3_NS186_NR0_A1_S3     |
| <H>                   | sdu          | RR_D3_NS217_NR0_A1_S3     |
| <I>                   | sdu          | RR_D3_NS248_NR0_A1_S3     |
| <J>                   | sdu          | RR_D3_NS279_NR0_A1_S3     |
| <K>                   | sdu          | RR_D3_NS310_NR0_A1_S3     |



|     |     |                       |
|-----|-----|-----------------------|
| <L> | sdu | RR_D3_NS341_NR0_A1_S3 |
| <M> | sdu | RR_D3_NS372_NR0_A1_S3 |
| <N> | sdu | RR_D3_NS403_NR0_A1_S3 |
| <O> | sdu | RR_D3_NS434_NR0_A1_S3 |
| <P> | sdu | RR_D3_NS465_NR0_A1_S3 |

## (3) LL\_DATA\_IND

|     |                    |                          |
|-----|--------------------|--------------------------|
|     | sapi               | LL_SAPI_3                |
|     | tlli               | TLLI_LOCAL_1             |
|     | reserved_data_ind1 | NOT_USED                 |
|     | reserved_data_ind2 | NOT_USED                 |
|     | reserved_data_ind3 | NOT_USED                 |
|     | reserved_data_ind4 | NOT_USED                 |
|     | reserved_data_ind5 | NOT_USED                 |
|     | reserved_data_ind6 | NOT_USED                 |
| <A> | sdu                | LLIND_D3_NS0_NR0_A1_S3   |
| <B> | sdu                | LLIND_D3_NS31_NR0_A1_S3  |
| <C> | sdu                | LLIND_D3_NS62_NR0_A1_S3  |
| <D> | sdu                | LLIND_D3_NS93_NR0_A1_S3  |
| <E> | sdu                | LLIND_D3_NS124_NR0_A1_S3 |
| <F> | sdu                | LLIND_D3_NS155_NR0_A1_S3 |
| <G> | sdu                | LLIND_D3_NS186_NR0_A1_S3 |
| <H> | sdu                | LLIND_D3_NS217_NR0_A1_S3 |
| <I> | sdu                | LLIND_D3_NS248_NR0_A1_S3 |
| <J> | sdu                | LLIND_D3_NS279_NR0_A1_S3 |
| <K> | sdu                | LLIND_D3_NS310_NR0_A1_S3 |
| <L> | sdu                | LLIND_D3_NS341_NR0_A1_S3 |
| <M> | sdu                | LLIND_D3_NS372_NR0_A1_S3 |
| <N> | sdu                | LLIND_D3_NS403_NR0_A1_S3 |
| <O> | sdu                | LLIND_D3_NS434_NR0_A1_S3 |
| <P> | sdu                | LLIND_D3_NS465_NR0_A1_S3 |

## (4) GRR\_READY\_IND

## (5) GRR\_DATA\_REQ

|     |                   |                    |
|-----|-------------------|--------------------|
|     | sapi              | LL_SAPI_3          |
|     | tlli              | TLLI_LOCAL_1       |
|     | grr_qos           | GRRREQ_QOS_PEAKSUB |
|     | radio_prio        | GRR_RADIO_PRIO_1   |
|     | cause             | GRR_DTACS_DEF      |
|     | reserved_data_req | NOT_USED           |
| <A> | sdu               | RR_NR1_A0_S3       |
| <B> | sdu               | RR_NR32_A0_S3      |
| <C> | sdu               | RR_NR63_A0_S3      |
| <D> | sdu               | RR_NR94_A0_S3      |
| <E> | sdu               | RR_NR125_A0_S3     |
| <F> | sdu               | RR_NR156_A0_S3     |
| <G> | sdu               | RR_NR187_A0_S3     |
| <H> | sdu               | RR_NR218_A0_S3     |
| <I> | sdu               | RR_NR249_A0_S3     |
| <J> | sdu               | RR_NR280_A0_S3     |
| <K> | sdu               | RR_NR311_A0_S3     |
| <L> | sdu               | RR_NR342_A0_S3     |
| <M> | sdu               | RR_NR373_A0_S3     |
| <N> | sdu               | RR_NR404_A0_S3     |
| <O> | sdu               | RR_NR435_A0_S3     |
| <P> | sdu               | RR_NR466_A0_S3     |

## (6) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (7) GRR\_DATA\_IND\_TEST

|     |      |                       |
|-----|------|-----------------------|
|     | tlli | TLLI_LOCAL_1          |
| <A> | sdu  | RR_D3_NS1_NR0_A1_S3   |
| <B> | sdu  | RR_D3_NS32_NR0_A1_S3  |
| <C> | sdu  | RR_D3_NS63_NR0_A1_S3  |
| <D> | sdu  | RR_D3_NS94_NR0_A1_S3  |
| <E> | sdu  | RR_D3_NS125_NR0_A1_S3 |
| <F> | sdu  | RR_D3_NS156_NR0_A1_S3 |
| <G> | sdu  | RR_D3_NS187_NR0_A1_S3 |
| <H> | sdu  | RR_D3_NS218_NR0_A1_S3 |
| <I> | sdu  | RR_D3_NS249_NR0_A1_S3 |
| <J> | sdu  | RR_D3_NS280_NR0_A1_S3 |
| <K> | sdu  | RR_D3_NS311_NR0_A1_S3 |
| <L> | sdu  | RR_D3_NS342_NR0_A1_S3 |
| <M> | sdu  | RR_D3_NS373_NR0_A1_S3 |
| <N> | sdu  | RR_D3_NS404_NR0_A1_S3 |
| <O> | sdu  | RR_D3_NS435_NR0_A1_S3 |
| <P> | sdu  | RR_D3_NS466_NR0_A1_S3 |

## (8) LL\_DATA\_IND

|     |                    |                          |
|-----|--------------------|--------------------------|
|     | sapi               | LL_SAPI_3                |
|     | tlli               | TLLI_LOCAL_1             |
|     | reserved_data_ind1 | NOT_USED                 |
|     | reserved_data_ind2 | NOT_USED                 |
|     | reserved_data_ind3 | NOT_USED                 |
|     | reserved_data_ind4 | NOT_USED                 |
|     | reserved_data_ind5 | NOT_USED                 |
|     | reserved_data_ind6 | NOT_USED                 |
| <A> | sdu                | LLIND_D3_NS1_NR0_A1_S3   |
| <B> | sdu                | LLIND_D3_NS32_NR0_A1_S3  |
| <C> | sdu                | LLIND_D3_NS63_NR0_A1_S3  |
| <D> | sdu                | LLIND_D3_NS94_NR0_A1_S3  |
| <E> | sdu                | LLIND_D3_NS125_NR0_A1_S3 |
| <F> | sdu                | LLIND_D3_NS156_NR0_A1_S3 |
| <G> | sdu                | LLIND_D3_NS187_NR0_A1_S3 |
| <H> | sdu                | LLIND_D3_NS218_NR0_A1_S3 |
| <I> | sdu                | LLIND_D3_NS249_NR0_A1_S3 |
| <J> | sdu                | LLIND_D3_NS280_NR0_A1_S3 |
| <K> | sdu                | LLIND_D3_NS311_NR0_A1_S3 |
| <L> | sdu                | LLIND_D3_NS342_NR0_A1_S3 |
| <M> | sdu                | LLIND_D3_NS373_NR0_A1_S3 |
| <N> | sdu                | LLIND_D3_NS404_NR0_A1_S3 |
| <O> | sdu                | LLIND_D3_NS435_NR0_A1_S3 |
| <P> | sdu                | LLIND_D3_NS466_NR0_A1_S3 |

## (9) GRR\_READY\_IND

## (10)

|                   |                      |
|-------------------|----------------------|
| GRR_DATA_REQ      | LL_SAPI_3            |
| sapi              | TLLI_LOCAL_1         |
| tlli              | GRRREQ_QOS_PEAKEQSUB |
| grr_qos           | GRR_RADIO_PRIO_1     |
| radio_prio        | GRR_DTACS_DEF        |
| cause             | NOT_USED             |
| reserved_data_req | RR_NR2_A0_S3         |
| <A>               | RR_NR33_A0_S3        |
| <B>               |                      |

|      |                    |                          |
|------|--------------------|--------------------------|
| <C>  | sdu                | RR_NR64_A0_S3            |
| <D>  | sdu                | RR_NR95_A0_S3            |
| <E>  | sdu                | RR_NR126_A0_S3           |
| <F>  | sdu                | RR_NR157_A0_S3           |
| <G>  | sdu                | RR_NR188_A0_S3           |
| <H>  | sdu                | RR_NR219_A0_S3           |
| <I>  | sdu                | RR_NR250_A0_S3           |
| <J>  | sdu                | RR_NR281_A0_S3           |
| <K>  | sdu                | RR_NR312_A0_S3           |
| <L>  | sdu                | RR_NR343_A0_S3           |
| <M>  | sdu                | RR_NR374_A0_S3           |
| <N>  | sdu                | RR_NR405_A0_S3           |
| <O>  | sdu                | RR_NR436_A0_S3           |
| <P>  | sdu                | RR_NR467_A0_S3           |
| (11) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (12) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS2_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS33_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS64_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS95_NR0_A1_S3     |
| <E>  | sdu                | RR_D3_NS126_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS157_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS188_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS219_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS250_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS281_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS312_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS343_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS374_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS405_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS436_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS467_NR0_A1_S3    |
| (13) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS2_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS33_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS64_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS95_NR0_A1_S3  |
| <E>  | sdu                | LLIND_D3_NS126_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS157_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS188_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS219_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS250_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS281_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS312_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS343_NR0_A1_S3 |

|      |                    |                          |
|------|--------------------|--------------------------|
| <M>  | sdu                | LLIND_D3_NS374_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS405_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS436_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS467_NR0_A1_S3 |
| (14) | GRR_READY_IND      |                          |
| (15) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR3_A0_S3             |
| <B>  | sdu                | RR_NR34_A0_S3            |
| <C>  | sdu                | RR_NR65_A0_S3            |
| <D>  | sdu                | RR_NR96_A0_S3            |
| <E>  | sdu                | RR_NR127_A0_S3           |
| <F>  | sdu                | RR_NR158_A0_S3           |
| <G>  | sdu                | RR_NR189_A0_S3           |
| <H>  | sdu                | RR_NR220_A0_S3           |
| <I>  | sdu                | RR_NR251_A0_S3           |
| <J>  | sdu                | RR_NR282_A0_S3           |
| <K>  | sdu                | RR_NR313_A0_S3           |
| <L>  | sdu                | RR_NR344_A0_S3           |
| <M>  | sdu                | RR_NR375_A0_S3           |
| <N>  | sdu                | RR_NR406_A0_S3           |
| <O>  | sdu                | RR_NR437_A0_S3           |
| <P>  | sdu                | RR_NR468_A0_S3           |
| (16) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (17) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS3_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS34_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS65_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS96_NR0_A1_S3     |
| <E>  | sdu                | RR_D3_NS127_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS158_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS189_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS220_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS251_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS282_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS313_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS344_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS375_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS406_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS437_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS468_NR0_A1_S3    |
| (18) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS3_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS34_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS65_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS96_NR0_A1_S3  |
| <E>  | sdu                | LLIND_D3_NS127_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS158_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS189_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS220_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS251_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS282_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS313_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS344_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS375_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS406_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS437_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS468_NR0_A1_S3 |
| (19) | GRR_READY_IND      |                          |
| (20) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR4_A0_S3             |
| <B>  | sdu                | RR_NR35_A0_S3            |
| <C>  | sdu                | RR_NR66_A0_S3            |
| <D>  | sdu                | RR_NR97_A0_S3            |
| <E>  | sdu                | RR_NR128_A0_S3           |
| <F>  | sdu                | RR_NR159_A0_S3           |
| <G>  | sdu                | RR_NR190_A0_S3           |
| <H>  | sdu                | RR_NR221_A0_S3           |
| <I>  | sdu                | RR_NR252_A0_S3           |
| <J>  | sdu                | RR_NR283_A0_S3           |
| <K>  | sdu                | RR_NR314_A0_S3           |
| <L>  | sdu                | RR_NR345_A0_S3           |
| <M>  | sdu                | RR_NR376_A0_S3           |
| <N>  | sdu                | RR_NR407_A0_S3           |
| <O>  | sdu                | RR_NR438_A0_S3           |
| <P>  | sdu                | RR_NR469_A0_S3           |
| (21) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (22) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS4_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS35_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS66_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS97_NR0_A1_S3     |
| <E>  | sdu                | RR_D3_NS128_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS159_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS190_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS221_NR0_A1_S3    |

|      |                    |                          |
|------|--------------------|--------------------------|
| <I>  | sdu                | RR_D3_NS252_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS283_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS314_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS345_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS376_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS407_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS438_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS469_NR0_A1_S3    |
| (23) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS4_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS35_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS66_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS97_NR0_A1_S3  |
| <E>  | sdu                | LLIND_D3_NS128_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS159_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS190_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS221_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS252_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS283_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS314_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS345_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS376_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS407_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS438_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS469_NR0_A1_S3 |
| (24) | GRR_READY_IND      |                          |
| (25) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR5_A0_S3             |
| <B>  | sdu                | RR_NR36_A0_S3            |
| <C>  | sdu                | RR_NR67_A0_S3            |
| <D>  | sdu                | RR_NR98_A0_S3            |
| <E>  | sdu                | RR_NR129_A0_S3           |
| <F>  | sdu                | RR_NR160_A0_S3           |
| <G>  | sdu                | RR_NR191_A0_S3           |
| <H>  | sdu                | RR_NR222_A0_S3           |
| <I>  | sdu                | RR_NR253_A0_S3           |
| <J>  | sdu                | RR_NR284_A0_S3           |
| <K>  | sdu                | RR_NR315_A0_S3           |
| <L>  | sdu                | RR_NR346_A0_S3           |
| <M>  | sdu                | RR_NR377_A0_S3           |
| <N>  | sdu                | RR_NR408_A0_S3           |

|      |                    |                          |
|------|--------------------|--------------------------|
| <O>  | sdu                | RR_NR439_A0_S3           |
| <P>  | sdu                | RR_NR470_A0_S3           |
| (26) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (27) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS5_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS36_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS67_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS98_NR0_A1_S3     |
| <E>  | sdu                | RR_D3_NS129_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS160_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS191_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS222_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS253_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS284_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS315_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS346_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS377_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS408_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS439_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS470_NR0_A1_S3    |
| (28) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS5_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS36_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS67_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS98_NR0_A1_S3  |
| <E>  | sdu                | LLIND_D3_NS129_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS160_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS191_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS222_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS253_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS284_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS315_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS346_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS377_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS408_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS439_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS470_NR0_A1_S3 |
| (29) | GRR_READY_IND      |                          |
| (30) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR6_A0_S3             |
| <B>  | sdu                | RR_NR37_A0_S3            |
| <C>  | sdu                | RR_NR68_A0_S3            |
| <D>  | sdu                | RR_NR99_A0_S3            |
| <E>  | sdu                | RR_NR130_A0_S3           |
| <F>  | sdu                | RR_NR161_A0_S3           |
| <G>  | sdu                | RR_NR192_A0_S3           |
| <H>  | sdu                | RR_NR223_A0_S3           |
| <I>  | sdu                | RR_NR254_A0_S3           |
| <J>  | sdu                | RR_NR285_A0_S3           |
| <K>  | sdu                | RR_NR316_A0_S3           |
| <L>  | sdu                | RR_NR347_A0_S3           |
| <M>  | sdu                | RR_NR378_A0_S3           |
| <N>  | sdu                | RR_NR409_A0_S3           |
| <O>  | sdu                | RR_NR440_A0_S3           |
| <P>  | sdu                | RR_NR471_A0_S3           |
| (31) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (32) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS6_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS37_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS68_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS99_NR0_A1_S3     |
| <E>  | sdu                | RR_D3_NS130_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS161_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS192_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS223_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS254_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS285_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS316_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS347_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS378_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS409_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS440_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS471_NR0_A1_S3    |
| (33) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS6_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS37_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS68_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS99_NR0_A1_S3  |
| <E>  | sdu                | LLIND_D3_NS130_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS161_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS192_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS223_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS254_NR0_A1_S3 |



|      |                   |                          |
|------|-------------------|--------------------------|
| <J>  | sdu               | LLIND_D3_NS285_NR0_A1_S3 |
| <K>  | sdu               | LLIND_D3_NS316_NR0_A1_S3 |
| <L>  | sdu               | LLIND_D3_NS347_NR0_A1_S3 |
| <M>  | sdu               | LLIND_D3_NS378_NR0_A1_S3 |
| <N>  | sdu               | LLIND_D3_NS409_NR0_A1_S3 |
| <O>  | sdu               | LLIND_D3_NS440_NR0_A1_S3 |
| <P>  | sdu               | LLIND_D3_NS471_NR0_A1_S3 |
| (34) | GRR_READY_IND     |                          |
| (35) | GRR_DATA_REQ      |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
|      | grr_qos           | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio        | GRR_RADIO_PRIO_1         |
|      | cause             | GRR_DTACS_DEF            |
|      | reserved_data_req | NOT_USED                 |
| <A>  | sdu               | RR_NR7_A0_S3             |
| <B>  | sdu               | RR_NR38_A0_S3            |
| <C>  | sdu               | RR_NR69_A0_S3            |
| <D>  | sdu               | RR_NR100_A0_S3           |
| <E>  | sdu               | RR_NR131_A0_S3           |
| <F>  | sdu               | RR_NR162_A0_S3           |
| <G>  | sdu               | RR_NR193_A0_S3           |
| <H>  | sdu               | RR_NR224_A0_S3           |
| <I>  | sdu               | RR_NR255_A0_S3           |
| <J>  | sdu               | RR_NR286_A0_S3           |
| <K>  | sdu               | RR_NR317_A0_S3           |
| <L>  | sdu               | RR_NR348_A0_S3           |
| <M>  | sdu               | RR_NR379_A0_S3           |
| <N>  | sdu               | RR_NR410_A0_S3           |
| <O>  | sdu               | RR_NR441_A0_S3           |
| <P>  | sdu               | RR_NR472_A0_S3           |
| (36) | LL_GETDATA_REQ    |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
| (37) | GRR_DATA_IND_TEST |                          |
|      | tlli              | TLLI_LOCAL_1             |
| <A>  | sdu               | RR_D3_NS7_NR0_A1_S3      |
| <B>  | sdu               | RR_D3_NS38_NR0_A1_S3     |
| <C>  | sdu               | RR_D3_NS69_NR0_A1_S3     |
| <D>  | sdu               | RR_D3_NS100_NR0_A1_S3    |
| <E>  | sdu               | RR_D3_NS131_NR0_A1_S3    |
| <F>  | sdu               | RR_D3_NS162_NR0_A1_S3    |
| <G>  | sdu               | RR_D3_NS193_NR0_A1_S3    |
| <H>  | sdu               | RR_D3_NS224_NR0_A1_S3    |
| <I>  | sdu               | RR_D3_NS255_NR0_A1_S3    |
| <J>  | sdu               | RR_D3_NS286_NR0_A1_S3    |
| <K>  | sdu               | RR_D3_NS317_NR0_A1_S3    |
| <L>  | sdu               | RR_D3_NS348_NR0_A1_S3    |
| <M>  | sdu               | RR_D3_NS379_NR0_A1_S3    |
| <N>  | sdu               | RR_D3_NS410_NR0_A1_S3    |
| <O>  | sdu               | RR_D3_NS441_NR0_A1_S3    |
| <P>  | sdu               | RR_D3_NS472_NR0_A1_S3    |
| (38) | LL_DATA_IND       |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS7_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS38_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS69_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS100_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS131_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS162_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS193_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS224_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS255_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS286_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS317_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS348_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS379_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS410_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS441_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS472_NR0_A1_S3 |
| (39) | GRR_READY_IND      |                          |
| (40) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR8_A0_S3             |
| <B>  | sdu                | RR_NR39_A0_S3            |
| <C>  | sdu                | RR_NR70_A0_S3            |
| <D>  | sdu                | RR_NR101_A0_S3           |
| <E>  | sdu                | RR_NR132_A0_S3           |
| <F>  | sdu                | RR_NR163_A0_S3           |
| <G>  | sdu                | RR_NR194_A0_S3           |
| <H>  | sdu                | RR_NR225_A0_S3           |
| <I>  | sdu                | RR_NR256_A0_S3           |
| <J>  | sdu                | RR_NR287_A0_S3           |
| <K>  | sdu                | RR_NR318_A0_S3           |
| <L>  | sdu                | RR_NR349_A0_S3           |
| <M>  | sdu                | RR_NR380_A0_S3           |
| <N>  | sdu                | RR_NR411_A0_S3           |
| <O>  | sdu                | RR_NR442_A0_S3           |
| <P>  | sdu                | RR_NR473_A0_S3           |
| (41) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (42) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS8_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS39_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS70_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS101_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS132_NR0_A1_S3    |

|      |                    |                          |
|------|--------------------|--------------------------|
| <F>  | sdu                | RR_D3_NS163_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS194_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS225_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS256_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS287_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS318_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS349_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS380_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS411_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS442_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS473_NR0_A1_S3    |
| (43) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS8_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS39_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS70_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS101_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS132_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS163_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS194_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS225_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS256_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS287_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS318_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS349_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS380_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS411_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS442_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS473_NR0_A1_S3 |
| (44) | GRR_READY_IND      |                          |
| (45) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR9_A0_S3             |
| <B>  | sdu                | RR_NR40_A0_S3            |
| <C>  | sdu                | RR_NR71_A0_S3            |
| <D>  | sdu                | RR_NR102_A0_S3           |
| <E>  | sdu                | RR_NR133_A0_S3           |
| <F>  | sdu                | RR_NR164_A0_S3           |
| <G>  | sdu                | RR_NR195_A0_S3           |
| <H>  | sdu                | RR_NR226_A0_S3           |
| <I>  | sdu                | RR_NR257_A0_S3           |
| <J>  | sdu                | RR_NR288_A0_S3           |
| <K>  | sdu                | RR_NR319_A0_S3           |
| <L>  | sdu                | RR_NR350_A0_S3           |

|      |                    |                          |
|------|--------------------|--------------------------|
| <M>  | sdu                | RR_NR381_A0_S3           |
| <N>  | sdu                | RR_NR412_A0_S3           |
| <O>  | sdu                | RR_NR443_A0_S3           |
| <P>  | sdu                | RR_NR474_A0_S3           |
| (46) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (47) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS9_NR0_A1_S3      |
| <B>  | sdu                | RR_D3_NS40_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS71_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS102_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS133_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS164_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS195_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS226_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS257_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS288_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS319_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS350_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS381_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS412_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS443_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS474_NR0_A1_S3    |
| (48) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS9_NR0_A1_S3   |
| <B>  | sdu                | LLIND_D3_NS40_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS71_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS102_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS133_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS164_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS195_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS226_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS257_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS288_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS319_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS350_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS381_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS412_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS443_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS474_NR0_A1_S3 |
| (49) | GRR_READY_IND      |                          |
| (50) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR10_A0_S3            |
| <B>  | sdu                | RR_NR41_A0_S3            |
| <C>  | sdu                | RR_NR72_A0_S3            |
| <D>  | sdu                | RR_NR103_A0_S3           |
| <E>  | sdu                | RR_NR134_A0_S3           |
| <F>  | sdu                | RR_NR165_A0_S3           |
| <G>  | sdu                | RR_NR196_A0_S3           |
| <H>  | sdu                | RR_NR227_A0_S3           |
| <I>  | sdu                | RR_NR258_A0_S3           |
| <J>  | sdu                | RR_NR289_A0_S3           |
| <K>  | sdu                | RR_NR320_A0_S3           |
| <L>  | sdu                | RR_NR351_A0_S3           |
| <M>  | sdu                | RR_NR382_A0_S3           |
| <N>  | sdu                | RR_NR413_A0_S3           |
| <O>  | sdu                | RR_NR444_A0_S3           |
| <P>  | sdu                | RR_NR475_A0_S3           |
| (51) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (52) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS10_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS41_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS72_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS103_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS134_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS165_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS196_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS227_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS258_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS289_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS320_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS351_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS382_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS413_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS444_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS475_NR0_A1_S3    |
| (53) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS10_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS41_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS72_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS103_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS134_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS165_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS196_NR0_A1_S3 |

|      |                   |                          |
|------|-------------------|--------------------------|
| <H>  | sdu               | LLIND_D3_NS227_NR0_A1_S3 |
| <I>  | sdu               | LLIND_D3_NS258_NR0_A1_S3 |
| <J>  | sdu               | LLIND_D3_NS289_NR0_A1_S3 |
| <K>  | sdu               | LLIND_D3_NS320_NR0_A1_S3 |
| <L>  | sdu               | LLIND_D3_NS351_NR0_A1_S3 |
| <M>  | sdu               | LLIND_D3_NS382_NR0_A1_S3 |
| <N>  | sdu               | LLIND_D3_NS413_NR0_A1_S3 |
| <O>  | sdu               | LLIND_D3_NS444_NR0_A1_S3 |
| <P>  | sdu               | LLIND_D3_NS475_NR0_A1_S3 |
| (54) | GRR_READY_IND     |                          |
| (55) | GRR_DATA_REQ      |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
|      | grr_qos           | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio        | GRR_RADIO_PRIO_1         |
|      | cause             | GRR_DTACS_DEF            |
|      | reserved_data_req | NOT_USED                 |
| <A>  | sdu               | RR_NR11_A0_S3            |
| <B>  | sdu               | RR_NR42_A0_S3            |
| <C>  | sdu               | RR_NR73_A0_S3            |
| <D>  | sdu               | RR_NR104_A0_S3           |
| <E>  | sdu               | RR_NR135_A0_S3           |
| <F>  | sdu               | RR_NR166_A0_S3           |
| <G>  | sdu               | RR_NR197_A0_S3           |
| <H>  | sdu               | RR_NR228_A0_S3           |
| <I>  | sdu               | RR_NR259_A0_S3           |
| <J>  | sdu               | RR_NR290_A0_S3           |
| <K>  | sdu               | RR_NR321_A0_S3           |
| <L>  | sdu               | RR_NR352_A0_S3           |
| <M>  | sdu               | RR_NR383_A0_S3           |
| <N>  | sdu               | RR_NR414_A0_S3           |
| <O>  | sdu               | RR_NR445_A0_S3           |
| <P>  | sdu               | RR_NR476_A0_S3           |
| (56) | LL_GETDATA_REQ    |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
| (57) | GRR_DATA_IND_TEST |                          |
|      | tlli              | TLLI_LOCAL_1             |
| <A>  | sdu               | RR_D3_NS11_NR0_A1_S3     |
| <B>  | sdu               | RR_D3_NS42_NR0_A1_S3     |
| <C>  | sdu               | RR_D3_NS73_NR0_A1_S3     |
| <D>  | sdu               | RR_D3_NS104_NR0_A1_S3    |
| <E>  | sdu               | RR_D3_NS135_NR0_A1_S3    |
| <F>  | sdu               | RR_D3_NS166_NR0_A1_S3    |
| <G>  | sdu               | RR_D3_NS197_NR0_A1_S3    |
| <H>  | sdu               | RR_D3_NS228_NR0_A1_S3    |
| <I>  | sdu               | RR_D3_NS259_NR0_A1_S3    |
| <J>  | sdu               | RR_D3_NS290_NR0_A1_S3    |
| <K>  | sdu               | RR_D3_NS321_NR0_A1_S3    |
| <L>  | sdu               | RR_D3_NS352_NR0_A1_S3    |
| <M>  | sdu               | RR_D3_NS383_NR0_A1_S3    |
| <N>  | sdu               | RR_D3_NS414_NR0_A1_S3    |
| <O>  | sdu               | RR_D3_NS445_NR0_A1_S3    |
| <P>  | sdu               | RR_D3_NS476_NR0_A1_S3    |

|      |                    |                          |
|------|--------------------|--------------------------|
| (58) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS11_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS42_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS73_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS104_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS135_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS166_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS197_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS228_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS259_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS290_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS321_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS352_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS383_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS414_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS445_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS476_NR0_A1_S3 |
| (59) | GRR_READY_IND      |                          |
| (60) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR12_A0_S3            |
| <B>  | sdu                | RR_NR43_A0_S3            |
| <C>  | sdu                | RR_NR74_A0_S3            |
| <D>  | sdu                | RR_NR105_A0_S3           |
| <E>  | sdu                | RR_NR136_A0_S3           |
| <F>  | sdu                | RR_NR167_A0_S3           |
| <G>  | sdu                | RR_NR198_A0_S3           |
| <H>  | sdu                | RR_NR229_A0_S3           |
| <I>  | sdu                | RR_NR260_A0_S3           |
| <J>  | sdu                | RR_NR291_A0_S3           |
| <K>  | sdu                | RR_NR322_A0_S3           |
| <L>  | sdu                | RR_NR353_A0_S3           |
| <M>  | sdu                | RR_NR384_A0_S3           |
| <N>  | sdu                | RR_NR415_A0_S3           |
| <O>  | sdu                | RR_NR446_A0_S3           |
| <P>  | sdu                | RR_NR477_A0_S3           |
| (61) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (62) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS12_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS43_NR0_A1_S3     |

|      |                    |                          |
|------|--------------------|--------------------------|
| <C>  | sdu                | RR_D3_NS74_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS105_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS136_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS167_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS198_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS229_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS260_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS291_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS322_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS353_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS384_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS415_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS446_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS477_NR0_A1_S3    |
| (63) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS12_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS43_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS74_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS105_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS136_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS167_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS198_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS229_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS260_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS291_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS322_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS353_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS384_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS415_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS446_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS477_NR0_A1_S3 |
| (64) | GRR_READY_IND      |                          |
| (65) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR13_A0_S3            |
| <B>  | sdu                | RR_NR44_A0_S3            |
| <C>  | sdu                | RR_NR75_A0_S3            |
| <D>  | sdu                | RR_NR106_A0_S3           |
| <E>  | sdu                | RR_NR137_A0_S3           |
| <F>  | sdu                | RR_NR168_A0_S3           |
| <G>  | sdu                | RR_NR199_A0_S3           |
| <H>  | sdu                | RR_NR230_A0_S3           |
| <I>  | sdu                | RR_NR261_A0_S3           |



|      |                    |                          |
|------|--------------------|--------------------------|
| <J>  | sdu                | RR_NR292_A0_S3           |
| <K>  | sdu                | RR_NR323_A0_S3           |
| <L>  | sdu                | RR_NR354_A0_S3           |
| <M>  | sdu                | RR_NR385_A0_S3           |
| <N>  | sdu                | RR_NR416_A0_S3           |
| <O>  | sdu                | RR_NR447_A0_S3           |
| <P>  | sdu                | RR_NR478_A0_S3           |
| (66) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (67) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS13_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS44_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS75_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS106_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS137_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS168_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS199_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS230_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS261_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS292_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS323_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS354_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS385_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS416_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS447_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS478_NR0_A1_S3    |
| (68) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS13_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS44_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS75_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS106_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS137_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS168_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS199_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS230_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS261_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS292_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS323_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS354_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS385_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS416_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS447_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS478_NR0_A1_S3 |
| (69) | GRR_READY_IND      |                          |

|      |                    |                         |
|------|--------------------|-------------------------|
| (70) | GRR_DATA_REQ       |                         |
|      | sapi               | LL_SAPI_3               |
|      | tlli               | TLLI_LOCAL_1            |
|      | grr_qos            | GRRREQ_QOS_PEAQSUB      |
|      | radio_prio         | GRR_RADIO_PRIO_1        |
|      | cause              | GRR_DTACS_DEF           |
|      | reserved_data_req  | NOT_USED                |
| <A>  | sdu                | RR_NR14_A0_S3           |
| <B>  | sdu                | RR_NR45_A0_S3           |
| <C>  | sdu                | RR_NR76_A0_S3           |
| <D>  | sdu                | RR_NR107_A0_S3          |
| <E>  | sdu                | RR_NR138_A0_S3          |
| <F>  | sdu                | RR_NR169_A0_S3          |
| <G>  | sdu                | RR_NR200_A0_S3          |
| <H>  | sdu                | RR_NR231_A0_S3          |
| <I>  | sdu                | RR_NR262_A0_S3          |
| <J>  | sdu                | RR_NR293_A0_S3          |
| <K>  | sdu                | RR_NR324_A0_S3          |
| <L>  | sdu                | RR_NR355_A0_S3          |
| <M>  | sdu                | RR_NR386_A0_S3          |
| <N>  | sdu                | RR_NR417_A0_S3          |
| <O>  | sdu                | RR_NR448_A0_S3          |
| <P>  | sdu                | RR_NR479_A0_S3          |
| (71) | LL_GETDATA_REQ     |                         |
|      | sapi               | LL_SAPI_3               |
|      | tlli               | TLLI_LOCAL_1            |
| (72) | GRR_DATA_IND_TEST  |                         |
|      | tlli               | TLLI_LOCAL_1            |
| <A>  | sdu                | RR_D3_NS14_NR0_A1_S3    |
| <B>  | sdu                | RR_D3_NS45_NR0_A1_S3    |
| <C>  | sdu                | RR_D3_NS76_NR0_A1_S3    |
| <D>  | sdu                | RR_D3_NS107_NR0_A1_S3   |
| <E>  | sdu                | RR_D3_NS138_NR0_A1_S3   |
| <F>  | sdu                | RR_D3_NS169_NR0_A1_S3   |
| <G>  | sdu                | RR_D3_NS200_NR0_A1_S3   |
| <H>  | sdu                | RR_D3_NS231_NR0_A1_S3   |
| <I>  | sdu                | RR_D3_NS262_NR0_A1_S3   |
| <J>  | sdu                | RR_D3_NS293_NR0_A1_S3   |
| <K>  | sdu                | RR_D3_NS324_NR0_A1_S3   |
| <L>  | sdu                | RR_D3_NS355_NR0_A1_S3   |
| <M>  | sdu                | RR_D3_NS386_NR0_A1_S3   |
| <N>  | sdu                | RR_D3_NS417_NR0_A1_S3   |
| <O>  | sdu                | RR_D3_NS448_NR0_A1_S3   |
| <P>  | sdu                | RR_D3_NS479_NR0_A1_S3   |
| (73) | LL_DATA_IND        |                         |
|      | sapi               | LL_SAPI_3               |
|      | tlli               | TLLI_LOCAL_1            |
|      | reserved_data_ind1 | NOT_USED                |
|      | reserved_data_ind2 | NOT_USED                |
|      | reserved_data_ind3 | NOT_USED                |
|      | reserved_data_ind4 | NOT_USED                |
|      | reserved_data_ind5 | NOT_USED                |
|      | reserved_data_ind6 | NOT_USED                |
| <A>  | sdu                | LLIND_D3_NS14_NR0_A1_S3 |
| <B>  | sdu                | LLIND_D3_NS45_NR0_A1_S3 |
| <C>  | sdu                | LLIND_D3_NS76_NR0_A1_S3 |

|      |                   |                          |
|------|-------------------|--------------------------|
| <D>  | sdu               | LLIND_D3_NS107_NR0_A1_S3 |
| <E>  | sdu               | LLIND_D3_NS138_NR0_A1_S3 |
| <F>  | sdu               | LLIND_D3_NS169_NR0_A1_S3 |
| <G>  | sdu               | LLIND_D3_NS200_NR0_A1_S3 |
| <H>  | sdu               | LLIND_D3_NS231_NR0_A1_S3 |
| <I>  | sdu               | LLIND_D3_NS262_NR0_A1_S3 |
| <J>  | sdu               | LLIND_D3_NS293_NR0_A1_S3 |
| <K>  | sdu               | LLIND_D3_NS324_NR0_A1_S3 |
| <L>  | sdu               | LLIND_D3_NS355_NR0_A1_S3 |
| <M>  | sdu               | LLIND_D3_NS386_NR0_A1_S3 |
| <N>  | sdu               | LLIND_D3_NS417_NR0_A1_S3 |
| <O>  | sdu               | LLIND_D3_NS448_NR0_A1_S3 |
| <P>  | sdu               | LLIND_D3_NS479_NR0_A1_S3 |
| (74) | GRR_READY_IND     |                          |
| (75) | GRR_DATA_REQ      |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
|      | grr_qos           | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio        | GRR_RADIO_PRIO_1         |
|      | cause             | GRR_DTACS_DEF            |
|      | reserved_data_req | NOT_USED                 |
| <A>  | sdu               | RR_NR15_A0_S3            |
| <B>  | sdu               | RR_NR46_A0_S3            |
| <C>  | sdu               | RR_NR77_A0_S3            |
| <D>  | sdu               | RR_NR108_A0_S3           |
| <E>  | sdu               | RR_NR139_A0_S3           |
| <F>  | sdu               | RR_NR170_A0_S3           |
| <G>  | sdu               | RR_NR201_A0_S3           |
| <H>  | sdu               | RR_NR232_A0_S3           |
| <I>  | sdu               | RR_NR263_A0_S3           |
| <J>  | sdu               | RR_NR294_A0_S3           |
| <K>  | sdu               | RR_NR325_A0_S3           |
| <L>  | sdu               | RR_NR356_A0_S3           |
| <M>  | sdu               | RR_NR387_A0_S3           |
| <N>  | sdu               | RR_NR418_A0_S3           |
| <O>  | sdu               | RR_NR449_A0_S3           |
| <P>  | sdu               | RR_NR480_A0_S3           |
| (76) | LL_GETDATA_REQ    |                          |
|      | sapi              | LL_SAPI_3                |
|      | tlli              | TLLI_LOCAL_1             |
| (77) | GRR_DATA_IND_TEST |                          |
|      | tlli              | TLLI_LOCAL_1             |
| <A>  | sdu               | RR_D3_NS15_NR0_A1_S3     |
| <B>  | sdu               | RR_D3_NS46_NR0_A1_S3     |
| <C>  | sdu               | RR_D3_NS77_NR0_A1_S3     |
| <D>  | sdu               | RR_D3_NS108_NR0_A1_S3    |
| <E>  | sdu               | RR_D3_NS139_NR0_A1_S3    |
| <F>  | sdu               | RR_D3_NS170_NR0_A1_S3    |
| <G>  | sdu               | RR_D3_NS201_NR0_A1_S3    |
| <H>  | sdu               | RR_D3_NS232_NR0_A1_S3    |
| <I>  | sdu               | RR_D3_NS263_NR0_A1_S3    |
| <J>  | sdu               | RR_D3_NS294_NR0_A1_S3    |
| <K>  | sdu               | RR_D3_NS325_NR0_A1_S3    |
| <L>  | sdu               | RR_D3_NS356_NR0_A1_S3    |
| <M>  | sdu               | RR_D3_NS387_NR0_A1_S3    |
| <N>  | sdu               | RR_D3_NS418_NR0_A1_S3    |

|      |                    |                          |
|------|--------------------|--------------------------|
| <O>  | sdu                | RR_D3_NS449_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS480_NR0_A1_S3    |
| (78) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS15_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS46_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS77_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS108_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS139_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS170_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS201_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS232_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS263_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS294_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS325_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS356_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS387_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS418_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS449_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS480_NR0_A1_S3 |
| (79) | GRR_READY_IND      |                          |
| (80) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR16_A0_S3            |
| <B>  | sdu                | RR_NR47_A0_S3            |
| <C>  | sdu                | RR_NR78_A0_S3            |
| <D>  | sdu                | RR_NR109_A0_S3           |
| <E>  | sdu                | RR_NR140_A0_S3           |
| <F>  | sdu                | RR_NR171_A0_S3           |
| <G>  | sdu                | RR_NR202_A0_S3           |
| <H>  | sdu                | RR_NR233_A0_S3           |
| <I>  | sdu                | RR_NR264_A0_S3           |
| <J>  | sdu                | RR_NR295_A0_S3           |
| <K>  | sdu                | RR_NR326_A0_S3           |
| <L>  | sdu                | RR_NR357_A0_S3           |
| <M>  | sdu                | RR_NR388_A0_S3           |
| <N>  | sdu                | RR_NR419_A0_S3           |
| <O>  | sdu                | RR_NR450_A0_S3           |
| <P>  | sdu                | RR_NR481_A0_S3           |
| (81) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |

|      |                    |                          |
|------|--------------------|--------------------------|
| (82) | GRR_DATA_IND_TEST  |                          |
|      | tlfi               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS16_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS47_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS78_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS109_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS140_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS171_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS202_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS233_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS264_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS295_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS326_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS357_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS388_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS419_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS450_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS481_NR0_A1_S3    |
| (83) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlfi               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS16_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS47_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS78_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS109_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS140_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS171_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS202_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS233_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS264_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS295_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS326_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS357_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS388_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS419_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS450_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS481_NR0_A1_S3 |
| (84) | GRR_READY_IND      |                          |
| (85) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlfi               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAQSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR17_A0_S3            |
| <B>  | sdu                | RR_NR48_A0_S3            |
| <C>  | sdu                | RR_NR79_A0_S3            |
| <D>  | sdu                | RR_NR110_A0_S3           |
| <E>  | sdu                | RR_NR141_A0_S3           |

|      |                    |                          |
|------|--------------------|--------------------------|
| <F>  | sdu                | RR_NR172_A0_S3           |
| <G>  | sdu                | RR_NR203_A0_S3           |
| <H>  | sdu                | RR_NR234_A0_S3           |
| <I>  | sdu                | RR_NR265_A0_S3           |
| <J>  | sdu                | RR_NR296_A0_S3           |
| <K>  | sdu                | RR_NR327_A0_S3           |
| <L>  | sdu                | RR_NR358_A0_S3           |
| <M>  | sdu                | RR_NR389_A0_S3           |
| <N>  | sdu                | RR_NR420_A0_S3           |
| <O>  | sdu                | RR_NR451_A0_S3           |
| <P>  | sdu                | RR_NR482_A0_S3           |
| (86) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (87) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS17_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS48_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS79_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS110_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS141_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS172_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS203_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS234_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS265_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS296_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS327_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS358_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS389_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS420_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS451_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS482_NR0_A1_S3    |
| (88) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS17_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS48_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS79_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS110_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS141_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS172_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS203_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS234_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS265_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS296_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS327_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS358_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS389_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS420_NR0_A1_S3 |

|      |                    |                          |
|------|--------------------|--------------------------|
| <O>  | sdu                | LLIND_D3_NS451_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS482_NR0_A1_S3 |
| (89) | GRR_READY_IND      |                          |
| (90) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEB        |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR18_A0_S3            |
| <B>  | sdu                | RR_NR49_A0_S3            |
| <C>  | sdu                | RR_NR80_A0_S3            |
| <D>  | sdu                | RR_NR111_A0_S3           |
| <E>  | sdu                | RR_NR142_A0_S3           |
| <F>  | sdu                | RR_NR173_A0_S3           |
| <G>  | sdu                | RR_NR204_A0_S3           |
| <H>  | sdu                | RR_NR235_A0_S3           |
| <I>  | sdu                | RR_NR266_A0_S3           |
| <J>  | sdu                | RR_NR297_A0_S3           |
| <K>  | sdu                | RR_NR328_A0_S3           |
| <L>  | sdu                | RR_NR359_A0_S3           |
| <M>  | sdu                | RR_NR390_A0_S3           |
| <N>  | sdu                | RR_NR421_A0_S3           |
| <O>  | sdu                | RR_NR452_A0_S3           |
| <P>  | sdu                | RR_NR483_A0_S3           |
| (91) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (92) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS18_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS49_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS80_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS111_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS142_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS173_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS204_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS235_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS266_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS297_NR0_A1_S3    |
| <K>  | sdu                | RR_D3_NS328_NR0_A1_S3    |
| <L>  | sdu                | RR_D3_NS359_NR0_A1_S3    |
| <M>  | sdu                | RR_D3_NS390_NR0_A1_S3    |
| <N>  | sdu                | RR_D3_NS421_NR0_A1_S3    |
| <O>  | sdu                | RR_D3_NS452_NR0_A1_S3    |
| <P>  | sdu                | RR_D3_NS483_NR0_A1_S3    |
| (93) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_ind6 | NOT_USED                 |
| <A>  | sdu                | LLIND_D3_NS18_NR0_A1_S3  |
| <B>  | sdu                | LLIND_D3_NS49_NR0_A1_S3  |
| <C>  | sdu                | LLIND_D3_NS80_NR0_A1_S3  |
| <D>  | sdu                | LLIND_D3_NS111_NR0_A1_S3 |
| <E>  | sdu                | LLIND_D3_NS142_NR0_A1_S3 |
| <F>  | sdu                | LLIND_D3_NS173_NR0_A1_S3 |
| <G>  | sdu                | LLIND_D3_NS204_NR0_A1_S3 |
| <H>  | sdu                | LLIND_D3_NS235_NR0_A1_S3 |
| <I>  | sdu                | LLIND_D3_NS266_NR0_A1_S3 |
| <J>  | sdu                | LLIND_D3_NS297_NR0_A1_S3 |
| <K>  | sdu                | LLIND_D3_NS328_NR0_A1_S3 |
| <L>  | sdu                | LLIND_D3_NS359_NR0_A1_S3 |
| <M>  | sdu                | LLIND_D3_NS390_NR0_A1_S3 |
| <N>  | sdu                | LLIND_D3_NS421_NR0_A1_S3 |
| <O>  | sdu                | LLIND_D3_NS452_NR0_A1_S3 |
| <P>  | sdu                | LLIND_D3_NS483_NR0_A1_S3 |
| (94) | GRR_READY_IND      |                          |
| (95) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
| <A>  | sdu                | RR_NR19_A0_S3            |
| <B>  | sdu                | RR_NR50_A0_S3            |
| <C>  | sdu                | RR_NR81_A0_S3            |
| <D>  | sdu                | RR_NR112_A0_S3           |
| <E>  | sdu                | RR_NR143_A0_S3           |
| <F>  | sdu                | RR_NR174_A0_S3           |
| <G>  | sdu                | RR_NR205_A0_S3           |
| <H>  | sdu                | RR_NR236_A0_S3           |
| <I>  | sdu                | RR_NR267_A0_S3           |
| <J>  | sdu                | RR_NR298_A0_S3           |
| <K>  | sdu                | RR_NR329_A0_S3           |
| <L>  | sdu                | RR_NR360_A0_S3           |
| <M>  | sdu                | RR_NR391_A0_S3           |
| <N>  | sdu                | RR_NR422_A0_S3           |
| <O>  | sdu                | RR_NR453_A0_S3           |
| <P>  | sdu                | RR_NR484_A0_S3           |
| (96) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (97) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
| <A>  | sdu                | RR_D3_NS19_NR0_A1_S3     |
| <B>  | sdu                | RR_D3_NS50_NR0_A1_S3     |
| <C>  | sdu                | RR_D3_NS81_NR0_A1_S3     |
| <D>  | sdu                | RR_D3_NS112_NR0_A1_S3    |
| <E>  | sdu                | RR_D3_NS143_NR0_A1_S3    |
| <F>  | sdu                | RR_D3_NS174_NR0_A1_S3    |
| <G>  | sdu                | RR_D3_NS205_NR0_A1_S3    |
| <H>  | sdu                | RR_D3_NS236_NR0_A1_S3    |
| <I>  | sdu                | RR_D3_NS267_NR0_A1_S3    |
| <J>  | sdu                | RR_D3_NS298_NR0_A1_S3    |



|       |                    |                          |
|-------|--------------------|--------------------------|
| <K>   | sdu                | RR_D3_NS329_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS360_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS391_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS422_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS453_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS484_NR0_A1_S3    |
| (98)  | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS19_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS50_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS81_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS112_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS143_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS174_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS205_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS236_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS267_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS298_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS329_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS360_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS391_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS422_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS453_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS484_NR0_A1_S3 |
| (99)  | GRR_READY_IND      |                          |
| (100) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR20_A0_S3            |
| <B>   | sdu                | RR_NR51_A0_S3            |
| <C>   | sdu                | RR_NR82_A0_S3            |
| <D>   | sdu                | RR_NR113_A0_S3           |
| <E>   | sdu                | RR_NR144_A0_S3           |
| <F>   | sdu                | RR_NR175_A0_S3           |
| <G>   | sdu                | RR_NR206_A0_S3           |
| <H>   | sdu                | RR_NR237_A0_S3           |
| <I>   | sdu                | RR_NR268_A0_S3           |
| <J>   | sdu                | RR_NR299_A0_S3           |
| <K>   | sdu                | RR_NR330_A0_S3           |
| <L>   | sdu                | RR_NR361_A0_S3           |
| <M>   | sdu                | RR_NR392_A0_S3           |
| <N>   | sdu                | RR_NR423_A0_S3           |
| <O>   | sdu                | RR_NR454_A0_S3           |
| <P>   | sdu                | RR_NR485_A0_S3           |

|       |                    |                          |
|-------|--------------------|--------------------------|
| (101) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (102) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS20_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS51_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS82_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS113_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS144_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS175_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS206_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS237_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS268_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS299_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS330_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS361_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS392_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS423_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS454_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS485_NR0_A1_S3    |
| (103) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS20_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS51_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS82_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS113_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS144_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS175_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS206_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS237_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS268_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS299_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS330_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS361_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS392_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS423_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS454_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS485_NR0_A1_S3 |
| (104) | GRR_READY_IND      |                          |
| (105) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR21_A0_S3            |
| <B>   | sdu                | RR_NR52_A0_S3            |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <C>   | sdu                | RR_NR83_A0_S3            |
| <D>   | sdu                | RR_NR114_A0_S3           |
| <E>   | sdu                | RR_NR145_A0_S3           |
| <F>   | sdu                | RR_NR176_A0_S3           |
| <G>   | sdu                | RR_NR207_A0_S3           |
| <H>   | sdu                | RR_NR238_A0_S3           |
| <I>   | sdu                | RR_NR269_A0_S3           |
| <J>   | sdu                | RR_NR300_A0_S3           |
| <K>   | sdu                | RR_NR331_A0_S3           |
| <L>   | sdu                | RR_NR362_A0_S3           |
| <M>   | sdu                | RR_NR393_A0_S3           |
| <N>   | sdu                | RR_NR424_A0_S3           |
| <O>   | sdu                | RR_NR455_A0_S3           |
| <P>   | sdu                | RR_NR486_A0_S3           |
| (106) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (107) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS21_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS52_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS83_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS114_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS145_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS176_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS207_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS238_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS269_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS300_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS331_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS362_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS393_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS424_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS455_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS486_NR0_A1_S3    |
| (108) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS21_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS52_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS83_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS114_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS145_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS176_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS207_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS238_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS269_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS300_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS331_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS362_NR0_A1_S3 |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <M>   | sdu                | LLIND_D3_NS393_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS424_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS455_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS486_NR0_A1_S3 |
| (109) | GRR_READY_IND      |                          |
| (110) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR22_A0_S3            |
| <B>   | sdu                | RR_NR53_A0_S3            |
| <C>   | sdu                | RR_NR84_A0_S3            |
| <D>   | sdu                | RR_NR115_A0_S3           |
| <E>   | sdu                | RR_NR146_A0_S3           |
| <F>   | sdu                | RR_NR177_A0_S3           |
| <G>   | sdu                | RR_NR208_A0_S3           |
| <H>   | sdu                | RR_NR239_A0_S3           |
| <I>   | sdu                | RR_NR270_A0_S3           |
| <J>   | sdu                | RR_NR301_A0_S3           |
| <K>   | sdu                | RR_NR332_A0_S3           |
| <L>   | sdu                | RR_NR363_A0_S3           |
| <M>   | sdu                | RR_NR394_A0_S3           |
| <N>   | sdu                | RR_NR425_A0_S3           |
| <O>   | sdu                | RR_NR456_A0_S3           |
| <P>   | sdu                | RR_NR487_A0_S3           |
| (111) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (112) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS22_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS53_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS84_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS115_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS146_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS177_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS208_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS239_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS270_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS301_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS332_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS363_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS394_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS425_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS456_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS487_NR0_A1_S3    |
| (113) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |

|       |                    |                          |
|-------|--------------------|--------------------------|
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS22_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS53_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS84_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS115_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS146_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS177_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS208_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS239_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS270_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS301_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS332_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS363_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS394_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS425_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS456_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS487_NR0_A1_S3 |
| (114) | GRR_READY_IND      |                          |
| (115) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR23_A0_S3            |
| <B>   | sdu                | RR_NR54_A0_S3            |
| <C>   | sdu                | RR_NR85_A0_S3            |
| <D>   | sdu                | RR_NR116_A0_S3           |
| <E>   | sdu                | RR_NR147_A0_S3           |
| <F>   | sdu                | RR_NR178_A0_S3           |
| <G>   | sdu                | RR_NR209_A0_S3           |
| <H>   | sdu                | RR_NR240_A0_S3           |
| <I>   | sdu                | RR_NR271_A0_S3           |
| <J>   | sdu                | RR_NR302_A0_S3           |
| <K>   | sdu                | RR_NR333_A0_S3           |
| <L>   | sdu                | RR_NR364_A0_S3           |
| <M>   | sdu                | RR_NR395_A0_S3           |
| <N>   | sdu                | RR_NR426_A0_S3           |
| <O>   | sdu                | RR_NR457_A0_S3           |
| <P>   | sdu                | RR_NR488_A0_S3           |
| (116) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (117) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS23_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS54_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS85_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS116_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS147_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS178_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS209_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS240_NR0_A1_S3    |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <I>   | sdu                | RR_D3_NS271_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS302_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS333_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS364_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS395_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS426_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS457_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS488_NR0_A1_S3    |
| (118) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS23_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS54_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS85_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS116_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS147_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS178_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS209_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS240_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS271_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS302_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS333_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS364_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS395_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS426_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS457_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS488_NR0_A1_S3 |
| (119) | GRR_READY_IND      |                          |
| (120) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR24_A0_S3            |
| <B>   | sdu                | RR_NR55_A0_S3            |
| <C>   | sdu                | RR_NR86_A0_S3            |
| <D>   | sdu                | RR_NR117_A0_S3           |
| <E>   | sdu                | RR_NR148_A0_S3           |
| <F>   | sdu                | RR_NR179_A0_S3           |
| <G>   | sdu                | RR_NR210_A0_S3           |
| <H>   | sdu                | RR_NR241_A0_S3           |
| <I>   | sdu                | RR_NR272_A0_S3           |
| <J>   | sdu                | RR_NR303_A0_S3           |
| <K>   | sdu                | RR_NR334_A0_S3           |
| <L>   | sdu                | RR_NR365_A0_S3           |
| <M>   | sdu                | RR_NR396_A0_S3           |
| <N>   | sdu                | RR_NR427_A0_S3           |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <O>   | sdu                | RR_NR458_A0_S3           |
| <P>   | sdu                | RR_NR489_A0_S3           |
| (121) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (122) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS24_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS55_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS86_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS117_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS148_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS179_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS210_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS241_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS272_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS303_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS334_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS365_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS396_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS427_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS458_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS489_NR0_A1_S3    |
| (123) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS24_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS55_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS86_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS117_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS148_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS179_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS210_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS241_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS272_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS303_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS334_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS365_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS396_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS427_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS458_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS489_NR0_A1_S3 |
| (124) | GRR_READY_IND      |                          |
| (125) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAQSUB       |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |

|       |                    |                          |
|-------|--------------------|--------------------------|
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR25_A0_S3            |
| <B>   | sdu                | RR_NR56_A0_S3            |
| <C>   | sdu                | RR_NR87_A0_S3            |
| <D>   | sdu                | RR_NR118_A0_S3           |
| <E>   | sdu                | RR_NR149_A0_S3           |
| <F>   | sdu                | RR_NR180_A0_S3           |
| <G>   | sdu                | RR_NR211_A0_S3           |
| <H>   | sdu                | RR_NR242_A0_S3           |
| <I>   | sdu                | RR_NR273_A0_S3           |
| <J>   | sdu                | RR_NR304_A0_S3           |
| <K>   | sdu                | RR_NR335_A0_S3           |
| <L>   | sdu                | RR_NR366_A0_S3           |
| <M>   | sdu                | RR_NR397_A0_S3           |
| <N>   | sdu                | RR_NR428_A0_S3           |
| <O>   | sdu                | RR_NR459_A0_S3           |
| <P>   | sdu                | RR_NR490_A0_S3           |
| (126) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (127) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS25_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS56_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS87_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS118_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS149_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS180_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS211_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS242_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS273_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS304_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS335_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS366_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS397_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS428_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS459_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS490_NR0_A1_S3    |
| (128) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS25_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS56_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS87_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS118_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS149_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS180_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS211_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS242_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS273_NR0_A1_S3 |



|       |                   |                          |
|-------|-------------------|--------------------------|
| <J>   | sdu               | LLIND_D3_NS304_NR0_A1_S3 |
| <K>   | sdu               | LLIND_D3_NS335_NR0_A1_S3 |
| <L>   | sdu               | LLIND_D3_NS366_NR0_A1_S3 |
| <M>   | sdu               | LLIND_D3_NS397_NR0_A1_S3 |
| <N>   | sdu               | LLIND_D3_NS428_NR0_A1_S3 |
| <O>   | sdu               | LLIND_D3_NS459_NR0_A1_S3 |
| <P>   | sdu               | LLIND_D3_NS490_NR0_A1_S3 |
| (129) | GRR_READY_IND     |                          |
| (130) | GRR_DATA_REQ      |                          |
|       | sapi              | LL_SAPI_3                |
|       | tlli              | TLLI_LOCAL_1             |
|       | grr_qos           | GRRREQ_QOS_PEAKSUB       |
|       | radio_prio        | GRR_RADIO_PRIO_1         |
|       | cause             | GRR_DTACS_DEF            |
|       | reserved_data_req | NOT_USED                 |
| <A>   | sdu               | RR_NR26_A0_S3            |
| <B>   | sdu               | RR_NR57_A0_S3            |
| <C>   | sdu               | RR_NR88_A0_S3            |
| <D>   | sdu               | RR_NR119_A0_S3           |
| <E>   | sdu               | RR_NR150_A0_S3           |
| <F>   | sdu               | RR_NR181_A0_S3           |
| <G>   | sdu               | RR_NR212_A0_S3           |
| <H>   | sdu               | RR_NR243_A0_S3           |
| <I>   | sdu               | RR_NR274_A0_S3           |
| <J>   | sdu               | RR_NR305_A0_S3           |
| <K>   | sdu               | RR_NR336_A0_S3           |
| <L>   | sdu               | RR_NR367_A0_S3           |
| <M>   | sdu               | RR_NR398_A0_S3           |
| <N>   | sdu               | RR_NR429_A0_S3           |
| <O>   | sdu               | RR_NR460_A0_S3           |
| <P>   | sdu               | RR_NR491_A0_S3           |
| (131) | LL_GETDATA_REQ    |                          |
|       | sapi              | LL_SAPI_3                |
|       | tlli              | TLLI_LOCAL_1             |
| (132) | GRR_DATA_IND_TEST |                          |
|       | tlli              | TLLI_LOCAL_1             |
| <A>   | sdu               | RR_D3_NS26_NR0_A1_S3     |
| <B>   | sdu               | RR_D3_NS57_NR0_A1_S3     |
| <C>   | sdu               | RR_D3_NS88_NR0_A1_S3     |
| <D>   | sdu               | RR_D3_NS119_NR0_A1_S3    |
| <E>   | sdu               | RR_D3_NS150_NR0_A1_S3    |
| <F>   | sdu               | RR_D3_NS181_NR0_A1_S3    |
| <G>   | sdu               | RR_D3_NS212_NR0_A1_S3    |
| <H>   | sdu               | RR_D3_NS243_NR0_A1_S3    |
| <I>   | sdu               | RR_D3_NS274_NR0_A1_S3    |
| <J>   | sdu               | RR_D3_NS305_NR0_A1_S3    |
| <K>   | sdu               | RR_D3_NS336_NR0_A1_S3    |
| <L>   | sdu               | RR_D3_NS367_NR0_A1_S3    |
| <M>   | sdu               | RR_D3_NS398_NR0_A1_S3    |
| <N>   | sdu               | RR_D3_NS429_NR0_A1_S3    |
| <O>   | sdu               | RR_D3_NS460_NR0_A1_S3    |
| <P>   | sdu               | RR_D3_NS491_NR0_A1_S3    |
| (133) | LL_DATA_IND       |                          |
|       | sapi              | LL_SAPI_3                |
|       | tlli              | TLLI_LOCAL_1             |

|       |                    |                          |
|-------|--------------------|--------------------------|
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS26_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS57_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS88_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS119_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS150_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS181_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS212_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS243_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS274_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS305_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS336_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS367_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS398_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS429_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS460_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS491_NR0_A1_S3 |
| (134) | GRR_READY_IND      |                          |
| (135) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR27_A0_S3            |
| <B>   | sdu                | RR_NR58_A0_S3            |
| <C>   | sdu                | RR_NR89_A0_S3            |
| <D>   | sdu                | RR_NR120_A0_S3           |
| <E>   | sdu                | RR_NR151_A0_S3           |
| <F>   | sdu                | RR_NR182_A0_S3           |
| <G>   | sdu                | RR_NR213_A0_S3           |
| <H>   | sdu                | RR_NR244_A0_S3           |
| <I>   | sdu                | RR_NR275_A0_S3           |
| <J>   | sdu                | RR_NR306_A0_S3           |
| <K>   | sdu                | RR_NR337_A0_S3           |
| <L>   | sdu                | RR_NR368_A0_S3           |
| <M>   | sdu                | RR_NR399_A0_S3           |
| <N>   | sdu                | RR_NR430_A0_S3           |
| <O>   | sdu                | RR_NR461_A0_S3           |
| <P>   | sdu                | RR_NR492_A0_S3           |
| (136) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (137) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS27_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS58_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS89_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS120_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS151_NR0_A1_S3    |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <F>   | sdu                | RR_D3_NS182_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS213_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS244_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS275_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS306_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS337_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS368_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS399_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS430_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS461_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS492_NR0_A1_S3    |
| (138) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS27_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS58_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS89_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS120_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS151_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS182_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS213_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS244_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS275_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS306_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS337_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS368_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS399_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS430_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS461_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS492_NR0_A1_S3 |
| (139) | GRR_READY_IND      |                          |
| (140) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR28_A0_S3            |
| <B>   | sdu                | RR_NR59_A0_S3            |
| <C>   | sdu                | RR_NR90_A0_S3            |
| <D>   | sdu                | RR_NR121_A0_S3           |
| <E>   | sdu                | RR_NR152_A0_S3           |
| <F>   | sdu                | RR_NR183_A0_S3           |
| <G>   | sdu                | RR_NR214_A0_S3           |
| <H>   | sdu                | RR_NR245_A0_S3           |
| <I>   | sdu                | RR_NR276_A0_S3           |
| <J>   | sdu                | RR_NR307_A0_S3           |
| <K>   | sdu                | RR_NR338_A0_S3           |
| <L>   | sdu                | RR_NR369_A0_S3           |

|       |                    |                          |
|-------|--------------------|--------------------------|
| <M>   | sdu                | RR_NR400_A0_S3           |
| <N>   | sdu                | RR_NR431_A0_S3           |
| <O>   | sdu                | RR_NR462_A0_S3           |
| <P>   | sdu                | RR_NR493_A0_S3           |
| (141) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (142) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS28_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS59_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS90_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS121_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS152_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS183_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS214_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS245_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS276_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS307_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS338_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS369_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS400_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS431_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS462_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS493_NR0_A1_S3    |
| (143) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS28_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS59_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS90_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS121_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS152_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS183_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS214_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS245_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS276_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS307_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS338_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS369_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS400_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS431_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS462_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS493_NR0_A1_S3 |
| (144) | GRR_READY_IND      |                          |
| (145) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKSUB       |

|       |                    |                          |
|-------|--------------------|--------------------------|
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR29_A0_S3            |
| <B>   | sdu                | RR_NR60_A0_S3            |
| <C>   | sdu                | RR_NR91_A0_S3            |
| <D>   | sdu                | RR_NR122_A0_S3           |
| <E>   | sdu                | RR_NR153_A0_S3           |
| <F>   | sdu                | RR_NR184_A0_S3           |
| <G>   | sdu                | RR_NR215_A0_S3           |
| <H>   | sdu                | RR_NR246_A0_S3           |
| <I>   | sdu                | RR_NR277_A0_S3           |
| <J>   | sdu                | RR_NR308_A0_S3           |
| <K>   | sdu                | RR_NR339_A0_S3           |
| <L>   | sdu                | RR_NR370_A0_S3           |
| <M>   | sdu                | RR_NR401_A0_S3           |
| <N>   | sdu                | RR_NR432_A0_S3           |
| <O>   | sdu                | RR_NR463_A0_S3           |
| <P>   | sdu                | RR_NR494_A0_S3           |
| (146) | LL_GETDATA_REQ     |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
| (147) | GRR_DATA_IND_TEST  |                          |
|       | tlli               | TLLI_LOCAL_1             |
| <A>   | sdu                | RR_D3_NS29_NR0_A1_S3     |
| <B>   | sdu                | RR_D3_NS60_NR0_A1_S3     |
| <C>   | sdu                | RR_D3_NS91_NR0_A1_S3     |
| <D>   | sdu                | RR_D3_NS122_NR0_A1_S3    |
| <E>   | sdu                | RR_D3_NS153_NR0_A1_S3    |
| <F>   | sdu                | RR_D3_NS184_NR0_A1_S3    |
| <G>   | sdu                | RR_D3_NS215_NR0_A1_S3    |
| <H>   | sdu                | RR_D3_NS246_NR0_A1_S3    |
| <I>   | sdu                | RR_D3_NS277_NR0_A1_S3    |
| <J>   | sdu                | RR_D3_NS308_NR0_A1_S3    |
| <K>   | sdu                | RR_D3_NS339_NR0_A1_S3    |
| <L>   | sdu                | RR_D3_NS370_NR0_A1_S3    |
| <M>   | sdu                | RR_D3_NS401_NR0_A1_S3    |
| <N>   | sdu                | RR_D3_NS432_NR0_A1_S3    |
| <O>   | sdu                | RR_D3_NS463_NR0_A1_S3    |
| <P>   | sdu                | RR_D3_NS494_NR0_A1_S3    |
| (148) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS29_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS60_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS91_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS122_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS153_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS184_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS215_NR0_A1_S3 |

|       |                   |                          |
|-------|-------------------|--------------------------|
| <H>   | sdu               | LLIND_D3_NS246_NR0_A1_S3 |
| <I>   | sdu               | LLIND_D3_NS277_NR0_A1_S3 |
| <J>   | sdu               | LLIND_D3_NS308_NR0_A1_S3 |
| <K>   | sdu               | LLIND_D3_NS339_NR0_A1_S3 |
| <L>   | sdu               | LLIND_D3_NS370_NR0_A1_S3 |
| <M>   | sdu               | LLIND_D3_NS401_NR0_A1_S3 |
| <N>   | sdu               | LLIND_D3_NS432_NR0_A1_S3 |
| <O>   | sdu               | LLIND_D3_NS463_NR0_A1_S3 |
| <P>   | sdu               | LLIND_D3_NS494_NR0_A1_S3 |
| (149) | GRR_READY_IND     |                          |
| (150) | GRR_DATA_REQ      |                          |
|       | sapi              | LL_SAPI_3                |
|       | tlli              | TLLI_LOCAL_1             |
|       | grr_qos           | GRRREQ_QOS_PEAKSUB       |
|       | radio_prio        | GRR_RADIO_PRIO_1         |
|       | cause             | GRR_DTACS_DEF            |
|       | reserved_data_req | NOT_USED                 |
| <A>   | sdu               | RR_NR30_A0_S3            |
| <B>   | sdu               | RR_NR61_A0_S3            |
| <C>   | sdu               | RR_NR92_A0_S3            |
| <D>   | sdu               | RR_NR123_A0_S3           |
| <E>   | sdu               | RR_NR154_A0_S3           |
| <F>   | sdu               | RR_NR185_A0_S3           |
| <G>   | sdu               | RR_NR216_A0_S3           |
| <H>   | sdu               | RR_NR247_A0_S3           |
| <I>   | sdu               | RR_NR278_A0_S3           |
| <J>   | sdu               | RR_NR309_A0_S3           |
| <K>   | sdu               | RR_NR340_A0_S3           |
| <L>   | sdu               | RR_NR371_A0_S3           |
| <M>   | sdu               | RR_NR402_A0_S3           |
| <N>   | sdu               | RR_NR433_A0_S3           |
| <O>   | sdu               | RR_NR464_A0_S3           |
| <P>   | sdu               | RR_NR495_A0_S3           |
| (151) | LL_GETDATA_REQ    |                          |
|       | sapi              | LL_SAPI_3                |
|       | tlli              | TLLI_LOCAL_1             |
| (152) | GRR_DATA_IND_TEST |                          |
|       | tlli              | TLLI_LOCAL_1             |
| <A>   | sdu               | RR_D3_NS30_NR0_A1_S3     |
| <B>   | sdu               | RR_D3_NS61_NR0_A1_S3     |
| <C>   | sdu               | RR_D3_NS92_NR0_A1_S3     |
| <D>   | sdu               | RR_D3_NS123_NR0_A1_S3    |
| <E>   | sdu               | RR_D3_NS154_NR0_A1_S3    |
| <F>   | sdu               | RR_D3_NS185_NR0_A1_S3    |
| <G>   | sdu               | RR_D3_NS216_NR0_A1_S3    |
| <H>   | sdu               | RR_D3_NS247_NR0_A1_S3    |
| <I>   | sdu               | RR_D3_NS278_NR0_A1_S3    |
| <J>   | sdu               | RR_D3_NS309_NR0_A1_S3    |
| <K>   | sdu               | RR_D3_NS340_NR0_A1_S3    |
| <L>   | sdu               | RR_D3_NS371_NR0_A1_S3    |
| <M>   | sdu               | RR_D3_NS402_NR0_A1_S3    |
| <N>   | sdu               | RR_D3_NS433_NR0_A1_S3    |
| <O>   | sdu               | RR_D3_NS464_NR0_A1_S3    |
| <P>   | sdu               | RR_D3_NS495_NR0_A1_S3    |

|       |                    |                          |
|-------|--------------------|--------------------------|
| (153) | LL_DATA_IND        |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | reserved_data_ind1 | NOT_USED                 |
|       | reserved_data_ind2 | NOT_USED                 |
|       | reserved_data_ind3 | NOT_USED                 |
|       | reserved_data_ind4 | NOT_USED                 |
|       | reserved_data_ind5 | NOT_USED                 |
|       | reserved_data_ind6 | NOT_USED                 |
| <A>   | sdu                | LLIND_D3_NS30_NR0_A1_S3  |
| <B>   | sdu                | LLIND_D3_NS61_NR0_A1_S3  |
| <C>   | sdu                | LLIND_D3_NS92_NR0_A1_S3  |
| <D>   | sdu                | LLIND_D3_NS123_NR0_A1_S3 |
| <E>   | sdu                | LLIND_D3_NS154_NR0_A1_S3 |
| <F>   | sdu                | LLIND_D3_NS185_NR0_A1_S3 |
| <G>   | sdu                | LLIND_D3_NS216_NR0_A1_S3 |
| <H>   | sdu                | LLIND_D3_NS247_NR0_A1_S3 |
| <I>   | sdu                | LLIND_D3_NS278_NR0_A1_S3 |
| <J>   | sdu                | LLIND_D3_NS309_NR0_A1_S3 |
| <K>   | sdu                | LLIND_D3_NS340_NR0_A1_S3 |
| <L>   | sdu                | LLIND_D3_NS371_NR0_A1_S3 |
| <M>   | sdu                | LLIND_D3_NS402_NR0_A1_S3 |
| <N>   | sdu                | LLIND_D3_NS433_NR0_A1_S3 |
| <O>   | sdu                | LLIND_D3_NS464_NR0_A1_S3 |
| <P>   | sdu                | LLIND_D3_NS495_NR0_A1_S3 |
| (154) | GRR_READY_IND      |                          |
| (155) | GRR_DATA_REQ       |                          |
|       | sapi               | LL_SAPI_3                |
|       | tlli               | TLLI_LOCAL_1             |
|       | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|       | radio_prio         | GRR_RADIO_PRIO_1         |
|       | cause              | GRR_DTACS_DEF            |
|       | reserved_data_req  | NOT_USED                 |
| <A>   | sdu                | RR_NR31_A0_S3            |
| <B>   | sdu                | RR_NR62_A0_S3            |
| <C>   | sdu                | RR_NR93_A0_S3            |
| <D>   | sdu                | RR_NR124_A0_S3           |
| <E>   | sdu                | RR_NR155_A0_S3           |
| <F>   | sdu                | RR_NR186_A0_S3           |
| <G>   | sdu                | RR_NR217_A0_S3           |
| <H>   | sdu                | RR_NR248_A0_S3           |
| <I>   | sdu                | RR_NR279_A0_S3           |
| <J>   | sdu                | RR_NR310_A0_S3           |
| <K>   | sdu                | RR_NR341_A0_S3           |
| <L>   | sdu                | RR_NR372_A0_S3           |
| <M>   | sdu                | RR_NR403_A0_S3           |
| <N>   | sdu                | RR_NR434_A0_S3           |
| <O>   | sdu                | RR_NR465_A0_S3           |
| <P>   | sdu                | RR_NR496_A0_S3           |

## History:

22-Mar-2001

GS

Initial

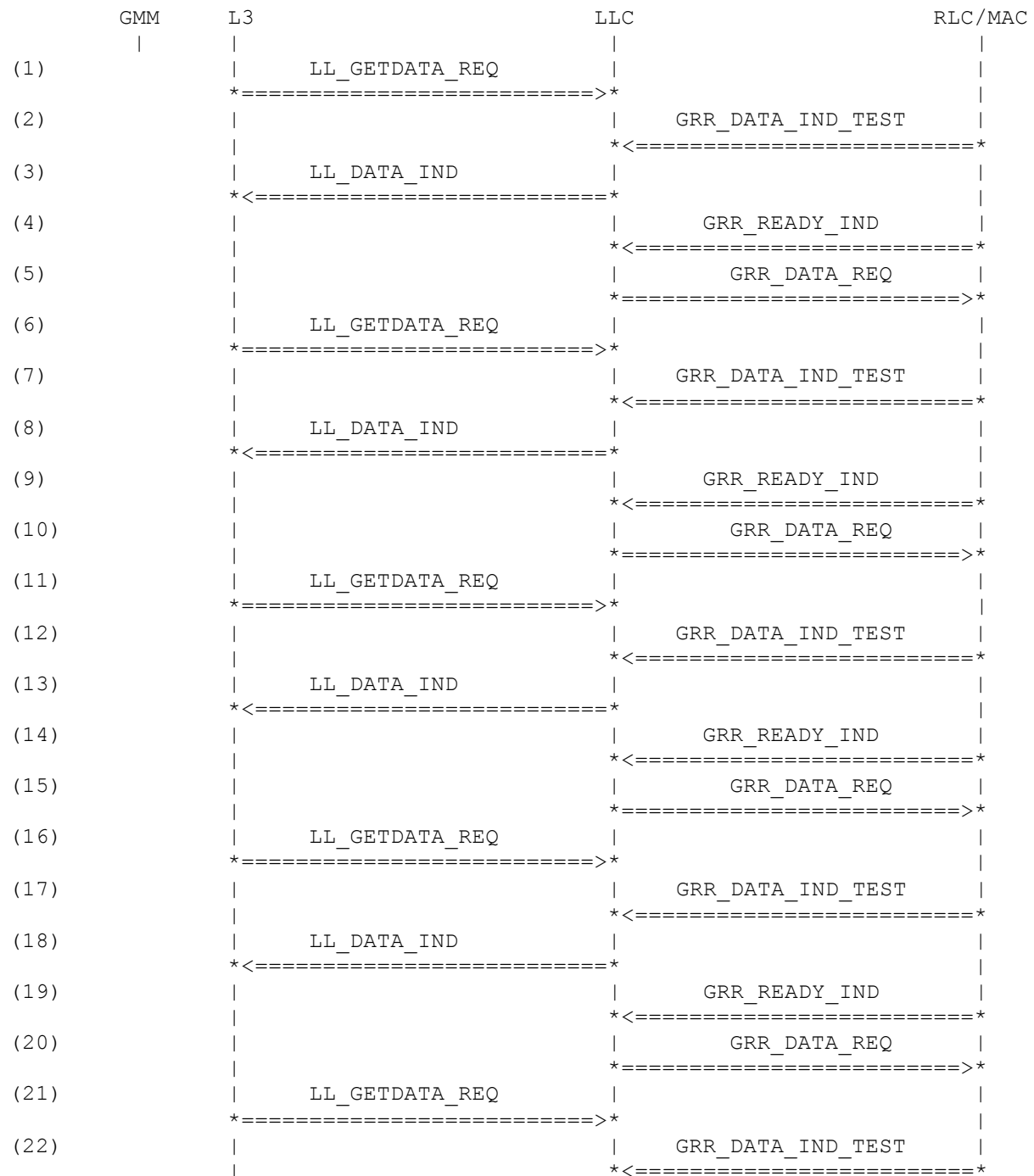
**3.16.12 LLC842: ABM - Receive of 8 I-Frames, PDUs forwarded to L3**

## Description:

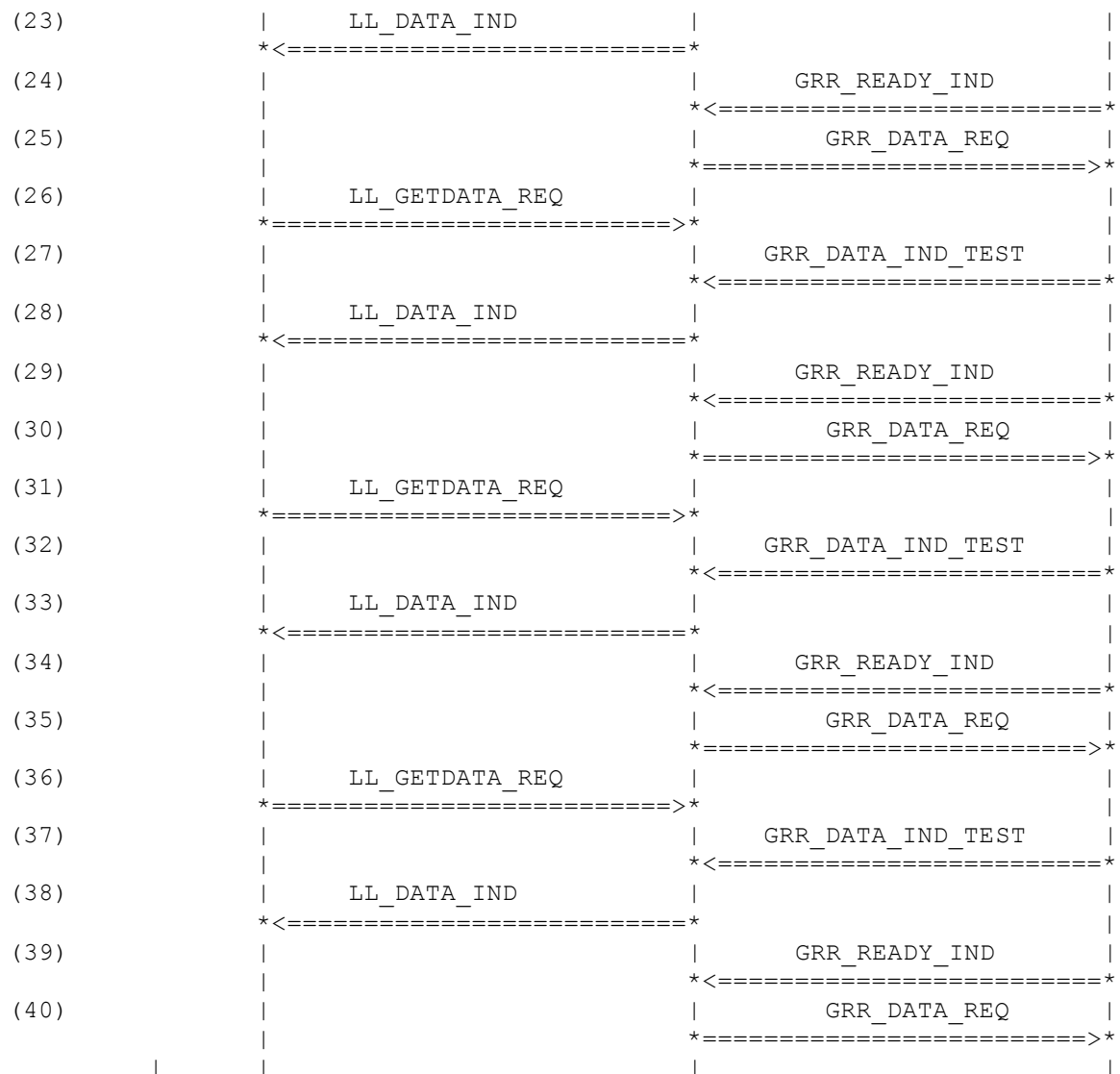
LLC receives 8 I-Frames from the RLC/MAC layer. LLC sends an RR to the peer entity and forwards the PDU to L3. If variant P is used, altogether 8 I-frames are transmitted.

## Preamble:

LLC840P





**Parametrization:**

| Primitive             | Parameter          | Value                    |
|-----------------------|--------------------|--------------------------|
| (1) LL_GETDATA_REQ    | sapi               | LL_SAPI_3                |
|                       | tlli               | TLLI_LOCAL_1             |
| (2) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1             |
|                       | sdu                | RR_D3_NS496_NR0_A1_S3    |
| (3) LL_DATA_IND       | sapi               | LL_SAPI_3                |
|                       | tlli               | TLLI_LOCAL_1             |
|                       | reserved_data_ind1 | NOT_USED                 |
|                       | reserved_data_ind2 | NOT_USED                 |
|                       | reserved_data_ind3 | NOT_USED                 |
|                       | reserved_data_ind4 | NOT_USED                 |
|                       | reserved_data_ind5 | NOT_USED                 |
|                       | reserved_data_ind6 | NOT_USED                 |
|                       | sdu                | LLIND_D3_NS496_NR0_A1_S3 |

(4) GRR\_READY\_IND

(5) GRR\_DATA\_REQ

|                   |                      |
|-------------------|----------------------|
| sapi              | LL_SAPI_3            |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKESSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | RR_NR497_A0_S3       |

(6) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

(7) GRR\_DATA\_IND\_TEST

|      |                       |
|------|-----------------------|
| tlli | TLLI_LOCAL_1          |
| sdu  | RR_D3_NS497_NR0_A1_S3 |

(8) LL\_DATA\_IND

|                    |                          |
|--------------------|--------------------------|
| sapi               | LL_SAPI_3                |
| tlli               | TLLI_LOCAL_1             |
| reserved_data_ind1 | NOT_USED                 |
| reserved_data_ind2 | NOT_USED                 |
| reserved_data_ind3 | NOT_USED                 |
| reserved_data_ind4 | NOT_USED                 |
| reserved_data_ind5 | NOT_USED                 |
| reserved_data_ind6 | NOT_USED                 |
| sdu                | LLIND_D3_NS497_NR0_A1_S3 |

(9) GRR\_READY\_IND

(10)

|                   |                      |
|-------------------|----------------------|
| GRR_DATA_REQ      |                      |
| sapi              | LL_SAPI_3            |
| tlli              | TLLI_LOCAL_1         |
| grr_qos           | GRRREQ_QOS_PEAKESSUB |
| radio_prio        | GRR_RADIO_PRIO_1     |
| cause             | GRR_DTACS_DEF        |
| reserved_data_req | NOT_USED             |
| sdu               | RR_NR498_A0_S3       |

(11)

|                |              |
|----------------|--------------|
| LL_GETDATA_REQ |              |
| sapi           | LL_SAPI_3    |
| tlli           | TLLI_LOCAL_1 |

(12)

|                   |                       |
|-------------------|-----------------------|
| GRR_DATA_IND_TEST |                       |
| tlli              | TLLI_LOCAL_1          |
| sdu               | RR_D3_NS498_NR0_A1_S3 |

(13)

|                    |                          |
|--------------------|--------------------------|
| LL_DATA_IND        |                          |
| sapi               | LL_SAPI_3                |
| tlli               | TLLI_LOCAL_1             |
| reserved_data_ind1 | NOT_USED                 |
| reserved_data_ind2 | NOT_USED                 |
| reserved_data_ind3 | NOT_USED                 |
| reserved_data_ind4 | NOT_USED                 |
| reserved_data_ind5 | NOT_USED                 |
| reserved_data_ind6 | NOT_USED                 |
| sdu                | LLIND_D3_NS498_NR0_A1_S3 |

(14)

GRR\_READY\_IND

|      |  |   |
|------|--|---|
| (15) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR499_A0_S3            |
| (16) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (17) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS499_NR0_A1_S3   |
| (18) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS499_NR0_A1_S3 |
| (19) | GRR_READY_IND  |   |
| (20) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR500_A0_S3            |
| (21) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (22) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS500_NR0_A1_S3   |
| (23) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS500_NR0_A1_S3 |
| (24) | GRR_READY_IND  |   |
| (25) | GRR_DATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
|      | sdu                | RR_NR501_A0_S3           |
| (26) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (27) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
|      | sdu                | RR_D3_NS501_NR0_A1_S3    |
| (28) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS501_NR0_A1_S3 |
| (29) | GRR_READY_IND      |                          |
| (30) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
|      | sdu                | RR_NR502_A0_S3           |
| (31) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (32) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
|      | sdu                | RR_D3_NS502_NR0_A1_S3    |
| (33) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS502_NR0_A1_S3 |
| (34) | GRR_READY_IND      |                          |
| (35) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKEQSUB     |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_req  | NOT_USED                 |
|      | sdu                | RR_NR503_A0_S3           |
| (36) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (37) | GRR_DATA_IND_TEST  |                          |
|      | tlli               | TLLI_LOCAL_1             |
|      | sdu                | RR_D3_NS503_NR0_A1_S3    |
| (38) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS503_NR0_A1_S3 |
| (39) | GRR_READY_IND      |                          |
| (40) | GRR_DATA_REQ       |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | grr_qos            | GRRREQ_QOS_PEAKSUB       |
|      | radio_prio         | GRR_RADIO_PRIO_1         |
|      | cause              | GRR_DTACS_DEF            |
|      | reserved_data_req  | NOT_USED                 |
|      | sdu                | RR_NR504_A0_S3           |

## History:

26-Mar-2001

GS

Initial

**3.16.13 LLC843: ABM - Receive of 8 I-Frames; PDUs forwarded to L3**

## Description:

LLC receives 8 I-Frames from the RLC/MAC layer. LLC sends an RR to the peer entity and forwards the PDU to L3. If variant P is used, altogether 8 I-frames are transmitted.

## Preamble:

LLC842

|      | GMM | L3 | LLC               | RLC/MAC |
|------|-----|----|-------------------|---------|
|      |     |    |                   |         |
| (1)  |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (2)  |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (3)  |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (4)  |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (5)  |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (6)  |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (7)  |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (8)  |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (9)  |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (10) |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (11) |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (12) |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (13) |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (14) |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (15) |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (16) |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (17) |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (18) |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (19) |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |
| (20) |     |    | GRR_READY_IND     |         |
|      |     |    | *<=====*          |         |
| (21) |     |    | GRR_DATA_REQ      |         |
|      |     |    | *=====>*          |         |
| (22) |     |    | GRR_DATA_IND_TEST |         |
|      |     |    | *<=====*          |         |

|      |  |  |                   |  |
|------|--|--|-------------------|--|
| (23) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (24) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (25) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (26) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (27) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (28) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (29) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (30) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (31) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (32) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (33) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (34) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (35) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (36) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (37) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (38) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (39) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (40) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (41) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (42) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (43) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (44) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (45) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (46) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (47) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (48) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====>           |  |
| (49) |  |  | LL_GETDATA_REQ    |  |
|      |  |  | *=====>           |  |
| (50) |  |  | LL_DATA_IND       |  |
|      |  |  | *<=====           |  |
| (51) |  |  | LL_GETDATA_REQ    |  |
|      |  |  | *=====>           |  |
| (52) |  |  | LL_DATA_IND       |  |

|      |                |  |
|------|----------------|--|
|      | *<=====*       |  |
| (53) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (54) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (55) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (56) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (57) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (58) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (59) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (60) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (61) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (62) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (63) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (64) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (65) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (66) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (67) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (68) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (69) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (70) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (71) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (72) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (73) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (74) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (75) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (76) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (77) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (78) | LL_DATA_IND    |  |
|      | *<=====*       |  |
| (79) | LL_GETDATA_REQ |  |
|      | *=====>*       |  |
| (80) | LL_DATA_IND    |  |
|      | *<=====*       |  |



**Parametrization:**

| <u>Primitive</u>      | <u>Parameter</u>   | <u>Value</u>   |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS504_NR0_A1_S3  |
| (2) GRR_READY_IND     |  |  |
| (3) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR505_A0_S3 |
| (4) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS505_NR0_A1_S3  |
| (5) GRR_READY_IND     |  |  |
| (6) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR506_A0_S3 |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS506_NR0_A1_S3  |
| (8) GRR_READY_IND     |  |  |
| (9) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR507_A0_S3 |
| (10)                  | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS507_NR0_A1_S3  |
| (11)                  | GRR_READY_IND  |  |
| (12)                  | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR508_A0_S3 |

|      |  |  |
|------|--|--|
| (13) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS508_NR0_A1_S3  |
| (14) | GRR_READY_IND  |  |
| (15) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR509_A0_S3 |
| (16) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS509_NR0_A1_S3  |
| (17) | GRR_READY_IND  |  |
| (18) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR510_A0_S3 |
| (19) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS510_NR0_A1_S3  |
| (20) | GRR_READY_IND  |  |
| (21) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR511_A0_S3 |
| (22) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS511_NR0_A1_S3  |
| (23) | GRR_READY_IND  |  |
| (24) | GRR_DATA_REQ<br>sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR0_A0_S3   |
| (25) | GRR_DATA_IND_TEST<br>tlli<br>sdu   | TLLI_LOCAL_1<br>RR_D3_NS0_NR0_A1_S3  |

|      |                   |                      |
|------|-------------------|----------------------|
| (26) | GRR_READY_IND     |                      |
| (27) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB |
|      | radio_prio        | GRR_RADIO_PRIO_1     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_NR1_A0_S3         |
| (28) | GRR_DATA_IND_TEST |                      |
|      | tlli              | TLLI_LOCAL_1         |
|      | sdu               | RR_D3_NS1_NR0_A1_S3  |
| (29) | GRR_READY_IND     |                      |
| (30) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB |
|      | radio_prio        | GRR_RADIO_PRIO_1     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_NR2_A0_S3         |
| (31) | GRR_DATA_IND_TEST |                      |
|      | tlli              | TLLI_LOCAL_1         |
|      | sdu               | RR_D3_NS2_NR0_A1_S3  |
| (32) | GRR_READY_IND     |                      |
| (33) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB |
|      | radio_prio        | GRR_RADIO_PRIO_1     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_NR3_A0_S3         |
| (34) | GRR_DATA_IND_TEST |                      |
|      | tlli              | TLLI_LOCAL_1         |
|      | sdu               | RR_D3_NS3_NR0_A1_S3  |
| (35) | GRR_READY_IND     |                      |
| (36) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |
|      | tlli              | TLLI_LOCAL_1         |
|      | grr_qos           | GRRREQ_QOS_PEAKEQSUB |
|      | radio_prio        | GRR_RADIO_PRIO_1     |
|      | cause             | GRR_DTACS_DEF        |
|      | reserved_data_req | NOT_USED             |
|      | sdu               | RR_NR4_A0_S3         |
| (37) | GRR_DATA_IND_TEST |                      |
|      | tlli              | TLLI_LOCAL_1         |
|      | sdu               | RR_D3_NS4_NR0_A1_S3  |
| (38) | GRR_READY_IND     |                      |
| (39) | GRR_DATA_REQ      |                      |
|      | sapi              | LL_SAPI_3            |

|      |  |  |
|------|--|--|
|      | tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                                   | TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR5_A0_S3              |
| (40) | GRR_DATA_IND_TEST  |  |
|      | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS5_NR0_A1_S3  |
| (41) | GRR_READY_IND  |  |
| (42) | GRR_DATA_REQ   |  |
|      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                           | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR6_A0_S3 |
| (43) | GRR_DATA_IND_TEST  |  |
|      | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS6_NR0_A1_S3  |
| (44) | GRR_READY_IND  |  |
| (45) | GRR_DATA_REQ   |  |
|      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                           | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR7_A0_S3 |
| (46) | GRR_DATA_IND_TEST  |  |
|      | tlli<br>sdu  | TLLI_LOCAL_1<br>RR_D3_NS7_NR0_A1_S3  |
| (47) | GRR_READY_IND  |  |
| (48) | GRR_DATA_REQ   |  |
|      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                           | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>RR_NR8_A0_S3 |
| (49) | LL_GETDATA_REQ   |  |
|      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (50) | LL_DATA_IND  |  |
|      | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4 | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED  |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS504_NR0_A1_S3 |
| (51) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (52) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS505_NR0_A1_S3 |
| (53) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (54) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS506_NR0_A1_S3 |
| (55) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (56) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS507_NR0_A1_S3 |
| (57) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (58) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |

|      |                    |                          |
|------|--------------------|--------------------------|
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS508_NR0_A1_S3 |
| (59) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (60) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS509_NR0_A1_S3 |
| (61) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (62) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS510_NR0_A1_S3 |
| (63) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (64) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS511_NR0_A1_S3 |
| (65) | LL_GETDATA_REQ     |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
| (66) | LL_DATA_IND        |                          |
|      | sapi               | LL_SAPI_3                |
|      | tlli               | TLLI_LOCAL_1             |
|      | reserved_data_ind1 | NOT_USED                 |
|      | reserved_data_ind2 | NOT_USED                 |
|      | reserved_data_ind3 | NOT_USED                 |
|      | reserved_data_ind4 | NOT_USED                 |
|      | reserved_data_ind5 | NOT_USED                 |
|      | reserved_data_ind6 | NOT_USED                 |
|      | sdu                | LLIND_D3_NS0_NR0_A1_S3   |

|      |  |   |
|------|--|---|
| (67) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (68) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS1_NR0_A1_S3 |
| (69) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (70) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS2_NR0_A1_S3 |
| (71) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (72) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS3_NR0_A1_S3 |
| (73) | LL_GETDATA_REQ<br>sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (74) | LL_DATA_IND<br>sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLIND_D3_NS4_NR0_A1_S3 |

|      |                    |                        |
|------|--------------------|------------------------|
| (75) | LL_GETDATA_REQ     |                        |
|      | sapi               | LL_SAPI_3              |
| (76) | tlli               | TLLI_LOCAL_1           |
|      | LL_DATA_IND        |                        |
|      | sapi               | LL_SAPI_3              |
|      | tlli               | TLLI_LOCAL_1           |
|      | reserved_data_ind1 | NOT_USED               |
|      | reserved_data_ind2 | NOT_USED               |
|      | reserved_data_ind3 | NOT_USED               |
|      | reserved_data_ind4 | NOT_USED               |
|      | reserved_data_ind5 | NOT_USED               |
|      | reserved_data_ind6 | NOT_USED               |
| (77) | sdu                | LLIND_D3_NS5_NR0_A1_S3 |
|      | LL_GETDATA_REQ     |                        |
| (78) | sapi               | LL_SAPI_3              |
|      | tlli               | TLLI_LOCAL_1           |
| (79) | LL_DATA_IND        |                        |
|      | sapi               | LL_SAPI_3              |
|      | tlli               | TLLI_LOCAL_1           |
|      | reserved_data_ind1 | NOT_USED               |
|      | reserved_data_ind2 | NOT_USED               |
|      | reserved_data_ind3 | NOT_USED               |
|      | reserved_data_ind4 | NOT_USED               |
|      | reserved_data_ind5 | NOT_USED               |
|      | reserved_data_ind6 | NOT_USED               |
|      | sdu                | LLIND_D3_NS6_NR0_A1_S3 |
| (80) | LL_GETDATA_REQ     |                        |
|      | sapi               | LL_SAPI_3              |
| (81) | tlli               | TLLI_LOCAL_1           |
|      | LL_DATA_IND        |                        |
|      | sapi               | LL_SAPI_3              |
|      | tlli               | TLLI_LOCAL_1           |
|      | reserved_data_ind1 | NOT_USED               |
|      | reserved_data_ind2 | NOT_USED               |
|      | reserved_data_ind3 | NOT_USED               |
|      | reserved_data_ind4 | NOT_USED               |
|      | reserved_data_ind5 | NOT_USED               |
|      | reserved_data_ind6 | NOT_USED               |
| (82) | sdu                | LLIND_D3_NS7_NR0_A1_S3 |

## History:

26-Mar-2001

GS

Initial



### **3.17 Bidirectional transmission of frames (LLC900-LC949)**

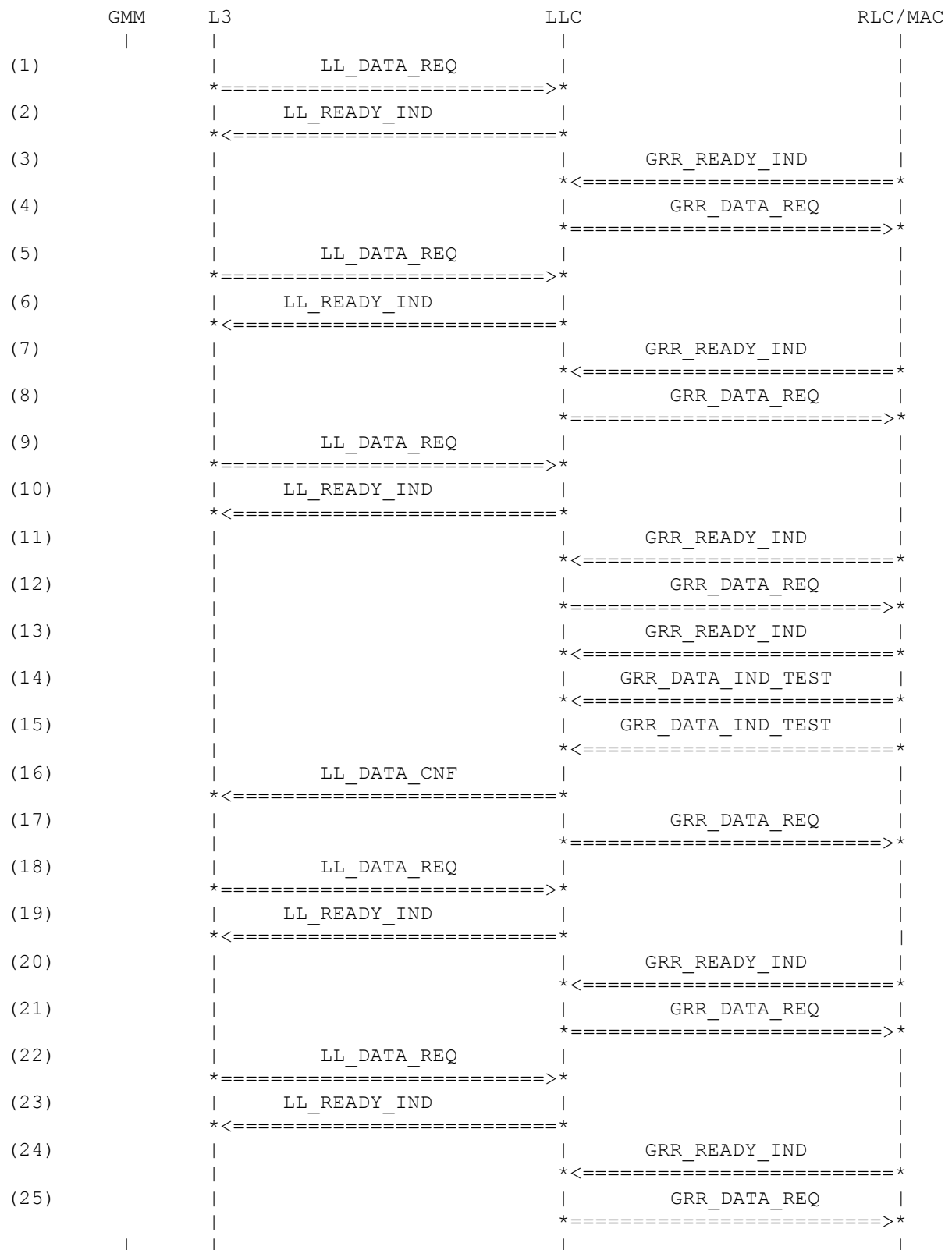
#### **3.17.1 LLC900: ABM - Send some frames; Receive of missing frame; L3 not ready**

Description:

LLC receives the retransmitted data frame and then the next new one with A bit set to 1. All in sequence acknowledge frames are forwarded to LL and a RR is send to the peer.

Preamble:

LLC810

**Parametrization:**

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

(1) LL\_DATA\_REQ

|                   |                    |                           |
|-------------------|--------------------|---------------------------|
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (2) LL_READY_IND  |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (3) GRR_READY_IND |                    |                           |
| (4) GRR_DATA_REQ  |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKSUB        |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS0_NR2_SAPI3 |
| (5) LL_DATA_REQ   |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |
|                   | seg_pos            | NOT_USED                  |
|                   | attached_counter   | LLC_NO_ATTACHE            |
|                   | reserved_data_req4 | NOT_USED                  |
|                   | reserved_data_req5 | NOT_USED                  |
|                   | sdu                | LLREQ_SDU100              |
| (6) LL_READY_IND  |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
| (7) GRR_READY_IND |                    |                           |
| (8) GRR_DATA_REQ  |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | grr_qos            | GRRREQ_QOS_PEAKSUB        |
|                   | radio_prio         | GRR_RADIO_PRIO_3          |
|                   | cause              | GRR_DTACS_DEF             |
|                   | reserved_data_req  | NOT_USED                  |
|                   | sdu                | GRR_DATAREQ_NS1_NR2_SAPI3 |
| (9) LL_DATA_REQ   |                    |                           |
|                   | sapi               | LL_SAPI_3                 |
|                   | tlli               | TLLI_LOCAL_1              |
|                   | ll_qos             | LLREQ_QOS_DEL4_REL5       |
|                   | radio_prio         | LL_RADIO_PRIO_3           |
|                   | reserved_data_req1 | NOT_USED                  |
|                   | reference1         | NOT_USED                  |

|                        |                    |                                |
|------------------------|--------------------|--------------------------------|
|                        | seg_pos            | NOT_USED                       |
|                        | attached_counter   | LLC_NO_ATTACHE                 |
|                        | reserved_data_req4 | NOT_USED                       |
|                        | reserved_data_req5 | NOT_USED                       |
|                        | sdu                | LLREQ_SDU100                   |
| (10) LL_READY_IND      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
| (11) GRR_READY_IND     |                    |                                |
| (12) GRR_DATA_REQ      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | grr_qos            | GRRREQ_QOS_PEAKSUB             |
|                        | radio_prio         | GRR_RADIO_PRIO_3               |
|                        | cause              | GRR_DTACS_DEF                  |
|                        | reserved_data_req  | NOT_USED                       |
|                        | sdu                | GRR_DATAREQ_NS2_NR2_A1_SAPI3   |
| (13) GRR_READY_IND     |                    |                                |
| (14) GRR_DATA_IND_TEST |                    |                                |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | sdu                | GRRIND_NS2_NR0_SDU100_SAPI3    |
| (15) GRR_DATA_IND_TEST |                    |                                |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | sdu                | GRRIND_NS4_NR2_SDU100_A1_SAPI3 |
| (16) LL_DATA_CNF       |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | reference1         | NOT_USED                       |
| (17) GRR_DATA_REQ      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | grr_qos            | GRRREQ_QOS_PEAKSUB             |
|                        | radio_prio         | GRR_RADIO_PRIO_1               |
|                        | cause              | GRR_DTACS_DEF                  |
|                        | reserved_data_req  | NOT_USED                       |
|                        | sdu                | GRRIND_RR_NR5_A0_SAPI3         |
| (18) LL_DATA_REQ       |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | ll_qos             | LLREQ_QOS_DEL4_REL5            |
|                        | radio_prio         | LL_RADIO_PRIO_3                |
|                        | reserved_data_req1 | NOT_USED                       |
|                        | reference1         | NOT_USED                       |
|                        | seg_pos            | NOT_USED                       |
|                        | attached_counter   | LLC_NO_ATTACHE                 |
|                        | reserved_data_req4 | NOT_USED                       |
|                        | reserved_data_req5 | NOT_USED                       |
|                        | sdu                | LLREQ_SDU100                   |
| (19) LL_READY_IND      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
| (20) GRR_READY_IND     |                    |                                |

## (21) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_3                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKEQSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS3_NR5_SAPI3 |

## (22) LL\_DATA\_REQ

|                    |                      |
|--------------------|----------------------|
| sapi               | LL_SAPI_3            |
| tlli               | TLLI_LOCAL_1         |
| ll_qos             | LLREQ_QOS_DELE4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3      |
| reserved_data_req1 | NOT_USED             |
| reference1         | NOT_USED             |
| seg_pos            | NOT_USED             |
| attached_counter   | LLC_NO_ATTACHE       |
| reserved_data_req4 | NOT_USED             |
| reserved_data_req5 | NOT_USED             |
| sdu                | LLREQ_SDU100         |

## (23) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (24) GRR\_READY\_IND

## (25) GRR\_DATA\_REQ

|                   |                           |
|-------------------|---------------------------|
| sapi              | LL_SAPI_3                 |
| tlli              | TLLI_LOCAL_1              |
| grr_qos           | GRRREQ_QOS_PEAKEQSUB      |
| radio_prio        | GRR_RADIO_PRIO_3          |
| cause             | GRR_DTACS_DEF             |
| reserved_data_req | NOT_USED                  |
| sdu               | GRR_DATAREQ_NS4_NR5_SAPI3 |

## History:

08-Nov-2000

GS

Initial

**3.17.2 LLC910: Sequential Establishment of all acknowledge SAPIs**

## Description:

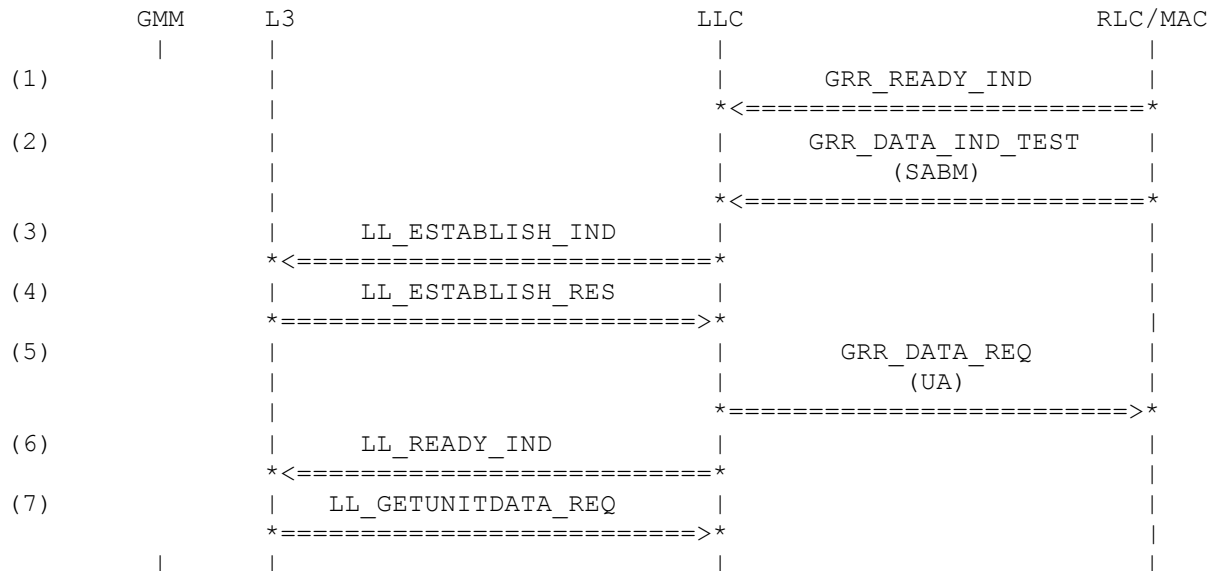
LLC is in state ADM and receives a SABM command. The establishment of the logical link is indicated to SNDCP by the uses of a LL\_ESTABLISH\_IND and an acknowledge is send to the peer.

## Variants:

&lt;A&gt;....&lt;D&gt;

## Preamble:

<A>LLC001  
 <B>LLC910A  
 <C>LLC910B  
 <D>LLC910C



## Parametrization:

| Primitive             | Parameter | Value                         |
|-----------------------|-----------|-------------------------------|
| (1) GRR_READY_IND     |           |                               |
| (2) GRR_DATA_IND_TEST |           |                               |
|                       | tlI       | TLLI_LOCAL_1                  |
| <A>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI3  |
| <B>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI5  |
| <C>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI9  |
| <D>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI11 |
| (3) LL_ESTABLISH_IND  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlI       | TLLI_LOCAL_1                  |
| <A>                   | n201_u    | N201_U_DEF_SAPI3              |
| <B>                   | n201_u    | N201_U_DEF_SAPI5              |
| <C>                   | n201_u    | N201_U_DEF_SAPI9              |
| <D>                   | n201_u    | N201_U_DEF_SAPI11             |
|                       | n201_i    | N201_I_DEF                    |
|                       | xid_valid | LL_XID_VALID                  |
|                       | sdu       | EMPTY_SDU                     |
| (4) LL_ESTABLISH_RES  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlI       | TLLI_LOCAL_1                  |

|                        |                   |                            |
|------------------------|-------------------|----------------------------|
|                        | xid_valid         | LL_XID_VALID               |
|                        | sdu               | EMPTY_SDU                  |
| (5) GRR_DATA_REQ       |                   |                            |
| <A>                    | sapi              | LL_SAPI_3                  |
| <B>                    | sapi              | LL_SAPI_5                  |
| <C>                    | sapi              | LL_SAPI_9                  |
| <D>                    | sapi              | LL_SAPI_11                 |
|                        | tlli              | TLLI_LOCAL_1               |
|                        | grr_qos           | GRRREQ_QOS_PEAKSUB         |
|                        | radio_prio        | GRR_RADIO_PRIO_1           |
|                        | cause             | GRR_DTACS_DEF              |
|                        | reserved_data_req | NOT_USED                   |
| <A>                    | sdu               | MS_UA1_EMPTY_L3_XID_SAPI3  |
| <B>                    | sdu               | MS_UA1_EMPTY_L3_XID_SAPI5  |
| <C>                    | sdu               | MS_UA1_EMPTY_L3_XID_SAPI9  |
| <D>                    | sdu               | MS_UA1_EMPTY_L3_XID_SAPI11 |
| (6) LL_READY_IND       |                   |                            |
| <A>                    | sapi              | LL_SAPI_3                  |
| <B>                    | sapi              | LL_SAPI_5                  |
| <C>                    | sapi              | LL_SAPI_9                  |
| <D>                    | sapi              | LL_SAPI_11                 |
|                        | tlli              | TLLI_LOCAL_1               |
| (7) LL_GETUNITDATA_REQ |                   |                            |
| <A>                    | sapi              | LL_SAPI_3                  |
| <B>                    | sapi              | LL_SAPI_5                  |
| <C>                    | sapi              | LL_SAPI_9                  |
| <D>                    | sapi              | LL_SAPI_11                 |
|                        | tlli              | TLLI_LOCAL_1               |

## History:

|             |    |                         |
|-------------|----|-------------------------|
| 11-Dec-2001 | GS | Initial                 |
| 01-Feb-2002 | GS | Ready indication moved. |

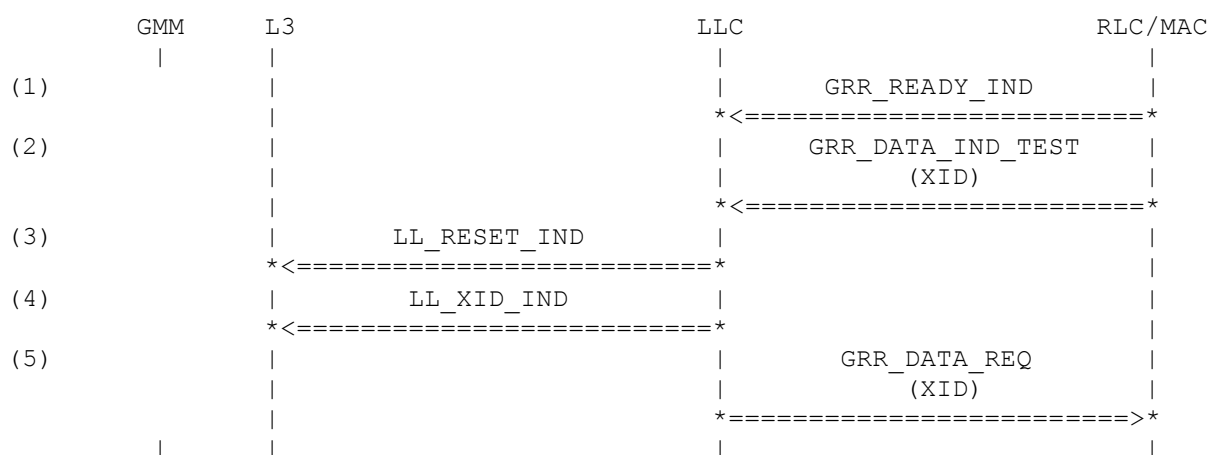
**3.17.3 LLC911: Data Transfer on all acknowledged SAPIs; XID Reset is received.**

## Description:

LLC is in on all SAPIs supporting acknowledge mode in state ABM. Data is transfered until an XID command including a 'LLC Reset' is recieved. An LL\_RESET\_IND is send to SNDCP and all SAPIs are switched back to ADM and using default values. Additional the XID command includes a new value for N201-U. This new value is indicated to SNDCP.

## Preamble:

LLC910D



## Parametrization:

| Primitive              | Parameter         | Value                   |
|------------------------|-------------------|-------------------------|
| (65) GRR_READY_IND     |                   |                         |
| (66) GRR_DATA_IND_TEST |                   |                         |
|                        | tlli              | TLLI_LOCAL_1            |
|                        | sdu               | XID1_RE_VE0_NU400_SAPI3 |
| (67) LL_RESET_IND      |                   |                         |
|                        | sapi              | LL_SAPI_3               |
|                        | tlli              | TLLI_LOCAL_1            |
| (68) LL_XID_IND        |                   |                         |
|                        | sapi              | LL_SAPI_3               |
|                        | tlli              | TLLI_LOCAL_1            |
|                        | n201_u            | N201_U_400              |
|                        | n201_i            | NOT_USED                |
|                        | xid_valid         | LL_XID_INVALID          |
|                        | sdu               | NOT_USED                |
| (69) GRR_DATA_REQ      |                   |                         |
|                        | sapi              | LL_SAPI_3               |
|                        | tlli              | TLLI_LOCAL_1            |
|                        | grr_qos           | GRRREQ_QOS_PEAQSUB      |
|                        | radio_prio        | GRR_RADIO_PRIO_1        |
|                        | cause             | GRR_DTACS_DEF           |
|                        | reserved_data_req | NOT_USED                |
|                        | sdu               | XID1_VE0_NU400_SAPI3    |



## History:

|             |    |         |
|-------------|----|---------|
| 12-Dec-2001 | GS | Initial |
|-------------|----|---------|

**3.17.4 LLC912: Acknowledged Data Transfer not possible on all SAPIs**

## Description:

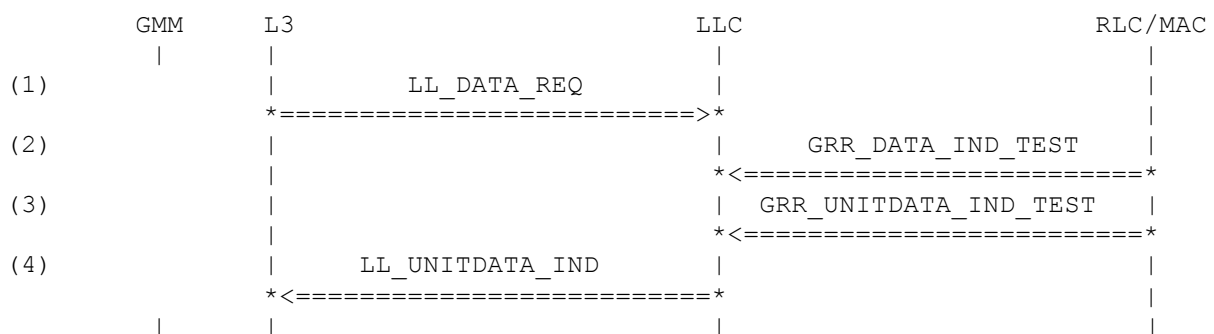
LLC is in on all SAPIs supporting a acknowledge mode in state ADM and ready to receive data.

## Variants:

<A>....<D>

## Preamble:

LLC911

**Parametrization:**

| Primitive                 | Parameter          | Value                    |
|---------------------------|--------------------|--------------------------|
| (1) LL_DATA_REQ           |                    |                          |
| <A>                       | sapi               | LL_SAPI_3                |
| <B>                       | sapi               | LL_SAPI_5                |
| <C>                       | sapi               | LL_SAPI_9                |
| <D>                       | sapi               | LL_SAPI_11               |
|                           | tlli               | TLLI_LOCAL_1             |
|                           | ll_qos             | LLREQ_QOS_DEL4_REL5      |
|                           | radio_prio         | LL_RADIO_PRIO_3          |
|                           | reserved_data_req1 | NOT_USED                 |
|                           | reference1         | NOT_USED                 |
|                           | seg_pos            | NOT_USED                 |
|                           | attached_counter   | LLC_NO_ATTACHE           |
|                           | reserved_data_req4 | NOT_USED                 |
|                           | reserved_data_req5 | NOT_USED                 |
|                           | sdu                | LLREQ_SDU100             |
| (2) GRR_DATA_IND_TEST     |                    |                          |
|                           | tlli               | TLLI_LOCAL_1             |
| <A>                       | sdu                | GRRIND_RR_NR2_A0_SAPI3   |
| <B>                       | sdu                | GRRIND_RR_NR2_A0_SAPI5   |
| <C>                       | sdu                | GRRIND_RR_NR1_A0_SAPI9   |
| <D>                       | sdu                | GRRIND_RR_NR0_A1_SAPI11  |
| (3) GRR_UNITDATA_IND_TEST |                    |                          |
|                           | tlli               | TLLI_LOCAL_1             |
| <A>                       | sdu                | GRRIND_DESCLIST100_SAPI3 |
| <B>                       | sdu                | GRRIND_DESCLIST100_SAPI5 |

|                     |                        |                           |
|---------------------|------------------------|---------------------------|
| <C>                 | sdu                    | GRRIND_DESCLIST100_SAPI9  |
| <D>                 | sdu                    | GRRIND_DESCLIST100_SAPI11 |
| (4) LL_UNITDATA_IND |                        |                           |
| <A>                 | sapi                   | LL_SAPI_3                 |
| <B>                 | sapi                   | LL_SAPI_5                 |
| <C>                 | sapi                   | LL_SAPI_9                 |
| <D>                 | sapi                   | LL_SAPI_11                |
|                     | tlli                   | TLLI_LOCAL_1              |
|                     | reserved_unitdata_ind1 | NOT_USED                  |
|                     | reserved_unitdata_ind2 | NOT_USED                  |
|                     | reserved_unitdata_ind3 | NOT_USED                  |
|                     | reserved_unitdata_ind4 | NOT_USED                  |
|                     | reserved_unitdata_ind5 | NOT_USED                  |
|                     | cipher                 | LL_CIPHER_OFF             |
| <A>                 | sdu                    | LLIND_SDU100_SAPI3        |
| <B>                 | sdu                    | LLIND_SDU100_SAPI5        |
| <C>                 | sdu                    | LLIND_SDU100_SAPI9        |
| <D>                 | sdu                    | LLIND_SDU100_SAPI11       |

## History:

|             |    |                       |
|-------------|----|-----------------------|
| 12-Dec-2001 | GS | Initial               |
| 27-May-2003 | UT | GRR_READY_IND removed |

### 3.18 Primitive collision issues (LLC950-LLC999)

#### 3.18.1 LLC950: Establish Collision

## Description:

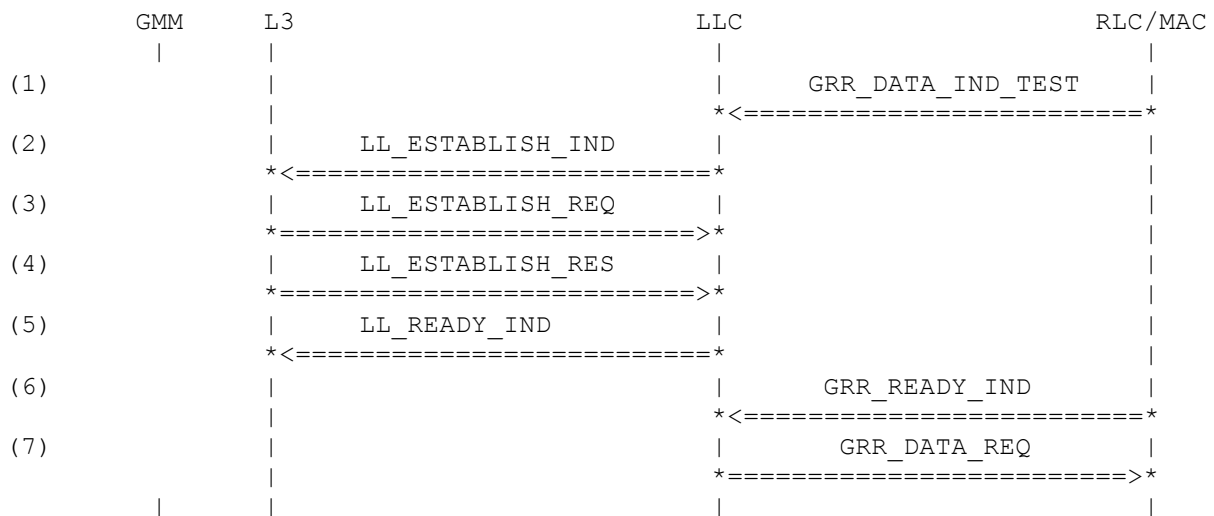
LLC is in state ADM and receives a SABM command. The establishment of the logical link is indicated to SNDCP by the uses of a LL\_ESTABLISH\_IND. While waiting for the response an LL\_ESTABLISH\_REQ is received from Layer 3. This request shall be ignored.

## Preamble:

LLC001

## Variants:

<A>....<D>

**Parametrization:**

| Primitive             | Parameter | Value                         |
|-----------------------|-----------|-------------------------------|
| (1) GRR_DATA_IND_TEST |           |                               |
| <A>                   | tlfi      | TLLI_LOCAL_1                  |
| <B>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI3  |
| <C>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI5  |
| <D>                   | sdu       | SGSN_SABM_EMPTY_L3_XID_SAPI9  |
|                       |           | SGSN_SABM_EMPTY_L3_XID_SAPI11 |
| (2) LL_ESTABLISH_IND  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlfi      | TLLI_LOCAL_1                  |
| <A>                   | n201_u    | N201_U_DEF_SAPI3              |
| <B>                   | n201_u    | N201_U_DEF_SAPI5              |
| <C>                   | n201_u    | N201_U_DEF_SAPI9              |
| <D>                   | n201_u    | N201_U_DEF_SAPI11             |
|                       | n201_i    | N201_I_DEF                    |
|                       | xid_valid | LL_XID_VALID                  |
|                       | sdu       | EMPTY_SDU                     |
| (3) LL_ESTABLISH_REQ  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlfi      | TLLI_LOCAL_1                  |
|                       | sdu       | EMPTY_SDU                     |
| (4) LL_ESTABLISH_RES  |           |                               |
| <A>                   | sapi      | LL_SAPI_3                     |
| <B>                   | sapi      | LL_SAPI_5                     |
| <C>                   | sapi      | LL_SAPI_9                     |
| <D>                   | sapi      | LL_SAPI_11                    |
|                       | tlfi      | TLLI_LOCAL_1                  |
|                       | xid_valid | LL_XID_VALID                  |
|                       | sdu       | EMPTY_SDU                     |

## (5) LL\_READY\_IND

|     |      |              |
|-----|------|--------------|
| <A> | sapi | LL_SAPI_3    |
| <B> | sapi | LL_SAPI_5    |
| <C> | sapi | LL_SAPI_9    |
| <D> | sapi | LL_SAPI_11   |
|     | tlli | TLLI_LOCAL_1 |

## (6) GRR\_READY\_IND

## (7) GRR\_DATA\_REQ

|     |                   |                            |
|-----|-------------------|----------------------------|
| <A> | sapi              | LL_SAPI_3                  |
| <B> | sapi              | LL_SAPI_5                  |
| <C> | sapi              | LL_SAPI_9                  |
| <D> | sapi              | LL_SAPI_11                 |
|     | tlli              | TLLI_LOCAL_1               |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB       |
|     | radio_prio        | GRR_RADIO_PRIO_1           |
|     | cause             | GRR_DTACS_DEF              |
|     | reserved_data_req | NOT_USED                   |
| <A> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI11 |

## History:

04-Dec-2001

GS

Initial

**3.18.2 LLC951: Establish Indication / XID Request Collision**

## Description:

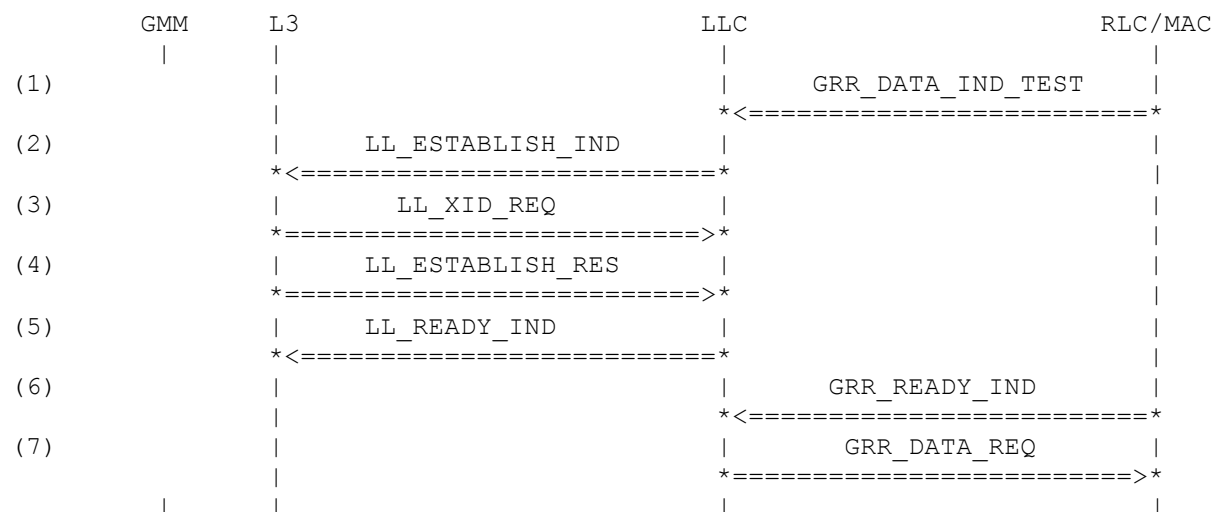
LLC is in state ADM and receives a SABM command. The establishment of the logical link is indicated to SNDCP by the uses of a LL\_ESTABLISH\_IND. While waiting for the response an LL\_ESTABLISH\_REQ is received from Layer 3. This request shall be ignored.

## Preamble:

LLC001

## Variants:

&lt;A&gt;....&lt;D&gt;



**Parametrization:**

| <u>Primitive</u>      | <u>Parameter</u> | <u>Value</u>                  |
|-----------------------|------------------|-------------------------------|
| (1) GRR_DATA_IND_TEST |                  |                               |
| <A>                   | tlli             | TLLI_LOCAL_1                  |
| <B>                   | sdu              | SGSN_SABM_EMPTY_L3_XID_SAPI3  |
| <C>                   | sdu              | SGSN_SABM_EMPTY_L3_XID_SAPI5  |
| <D>                   | sdu              | SGSN_SABM_EMPTY_L3_XID_SAPI9  |
|                       | sdu              | SGSN_SABM_EMPTY_L3_XID_SAPI11 |
| (2) LL_ESTABLISH_IND  |                  |                               |
| <A>                   | sapi             | LL_SAPI_3                     |
| <B>                   | sapi             | LL_SAPI_5                     |
| <C>                   | sapi             | LL_SAPI_9                     |
| <D>                   | sapi             | LL_SAPI_11                    |
|                       | tlli             | TLLI_LOCAL_1                  |
| <A>                   | n201_u           | N201_U_DEF_SAPI3              |
| <B>                   | n201_u           | N201_U_DEF_SAPI5              |
| <C>                   | n201_u           | N201_U_DEF_SAPI9              |
| <D>                   | n201_u           | N201_U_DEF_SAPI11             |
|                       | n201_i           | N201_I_DEF                    |
|                       | xid_valid        | LL_XID_VALID                  |
|                       | sdu              | EMPTY_SDU                     |
| (3) LL_XID_REQ        |                  |                               |
| <A>                   | sapi             | LL_SAPI_3                     |
| <B>                   | sapi             | LL_SAPI_5                     |
| <C>                   | sapi             | LL_SAPI_9                     |
| <D>                   | sapi             | LL_SAPI_11                    |
|                       | tlli             | TLLI_LOCAL_1                  |
|                       | sdu              | EMPTY_SDU                     |
| (4) LL_ESTABLISH_RES  |                  |                               |
| <A>                   | sapi             | LL_SAPI_3                     |
| <B>                   | sapi             | LL_SAPI_5                     |
| <C>                   | sapi             | LL_SAPI_9                     |
| <D>                   | sapi             | LL_SAPI_11                    |
|                       | tlli             | TLLI_LOCAL_1                  |
|                       | xid_valid        | LL_XID_VALID                  |
|                       | sdu              | EMPTY_SDU                     |
| (5) LL_READY_IND      |                  |                               |
| <A>                   | sapi             | LL_SAPI_3                     |
| <B>                   | sapi             | LL_SAPI_5                     |
| <C>                   | sapi             | LL_SAPI_9                     |
| <D>                   | sapi             | LL_SAPI_11                    |
|                       | tlli             | TLLI_LOCAL_1                  |
| (6) GRR_READY_IND     |                  |                               |
| (7) GRR_DATA_REQ      |                  |                               |
| <A>                   | sapi             | LL_SAPI_3                     |
| <B>                   | sapi             | LL_SAPI_5                     |
| <C>                   | sapi             | LL_SAPI_9                     |
| <D>                   | sapi             | LL_SAPI_11                    |
|                       | tlli             | TLLI_LOCAL_1                  |
|                       | grr_qos          | GRRREQ_QOS_PEAQSUB            |
|                       | radio_prio       | GRR_RADIO_PRIO_1              |
|                       | cause            | GRR_DTACS_DEF                 |

|     |                   |                            |
|-----|-------------------|----------------------------|
|     | reserved_data_req | NOT_USED                   |
| <A> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI3  |
| <B> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI5  |
| <C> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI9  |
| <D> | sdu               | MS_UA1_EMPTY_L3_XID_SAPI11 |

History:

04-Dec-2001

GS

Initial

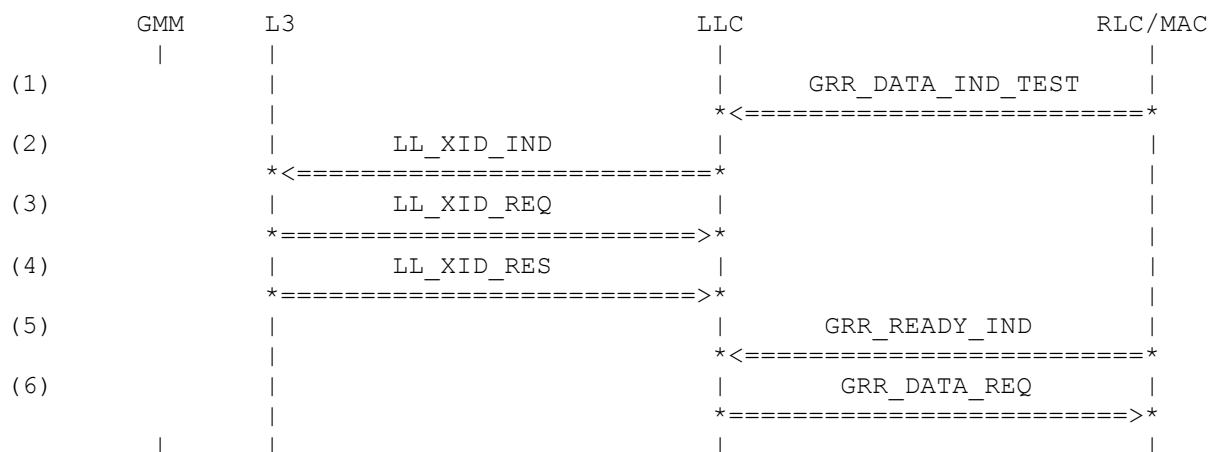
**3.18.3 LLC952: XID Collision**

Description:

LLC is in state ADM and receives a XID command including an empty block of layer 3 XID parameters. The parameters are forwarded to SNDCP. While waiting for the response an LL\_XID\_REQ is received from layer 3. The request shall be ignored and the parameters included in following response will be send to the peer.

Preamble:

LLC001



Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>XID1_VE0_NU400_L3_SAPI3  |
| (2) LL_XID_IND        | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>NOT_USED<br>LL_XID_VALID<br>EMPTY_SDU |
| (3) LL_XID_REQ        | sapi<br>tlli<br>sdu                                  | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU   |
| (4) LL_XID_RES        | sapi   | LL_SAPI_3  |

|                   |  |   |
|-------------------|--|---|
|                   | tlli<br>sdu  | TLLI_LOCAL_1<br>EMPTY_SDU   |
| (5) GRR_READY_IND |  |   |
| (6) GRR_DATA_REQ  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID1_VE0_NU400_L3_SAPI3 |

History:

06-Dec-2001

GS

Initial

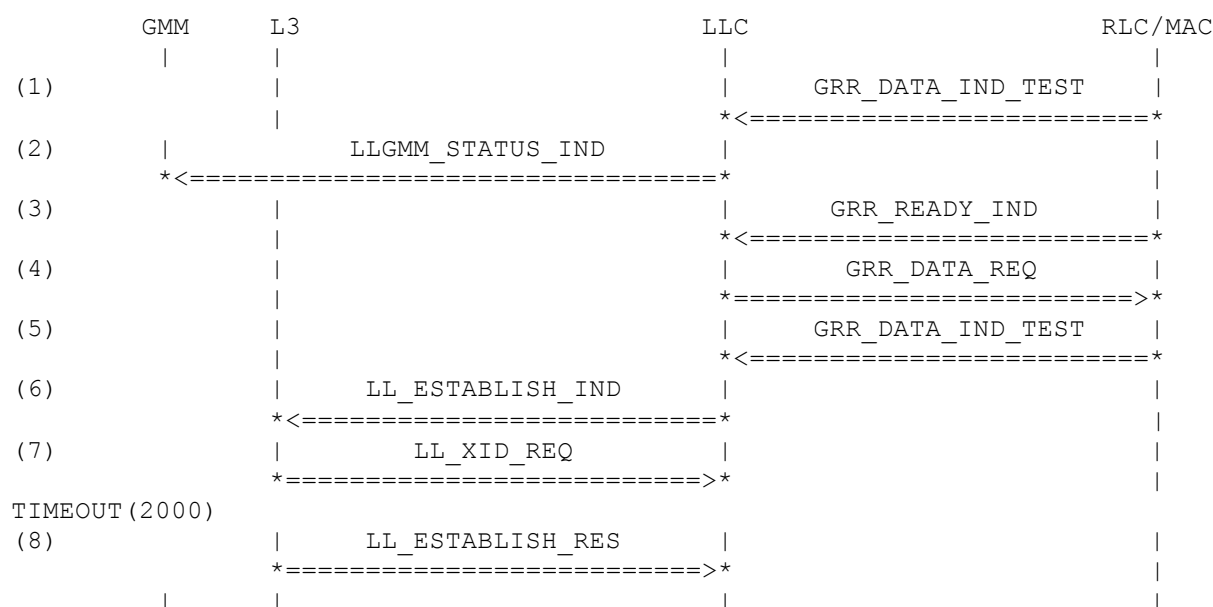
**3.18.4 LLC955: Re-Establish / XID Collision**

Description:

LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. The peer responds with UA, ABM is re-established. LLC indicates the re-establishment to SNDCP and is waiting for the response. In the meantime a LL\_XID\_IND arrives and has to be ignored. After receiving the following establish response LLC is re-established.

Preamble:

LLC400A



Parametrization:

| Primitive             | Parameter   | Value                          |
|-----------------------|-------------|--------------------------------|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3 |

## (2) LLGMM\_STATUS\_IND

error\_cause  
LLGMM\_ERRCS\_DM0\_RECEIVED\_REEST

## (3) GRR\_READY\_IND

## (4) GRR\_DATA\_REQ

sapi LL\_SAPI\_3  
tlli TLLI\_LOCAL\_1  
grr\_qos GRRREQ\_QOS\_PEAKSUB  
radio\_prio GRR\_RADIO\_PRIO\_1  
cause GRR\_DTACS\_DEF  
reserved\_data\_req NOT\_USED  
sdu MS\_SABM\_NOXID\_SAPI3

## (5) GRR\_DATA\_IND\_TEST

tlli TLLI\_LOCAL\_1  
sdu SGSN\_UA1\_NOXID\_SAPI3

## (6) LL\_ESTABLISH\_IND

sapi LL\_SAPI\_3  
tlli TLLI\_LOCAL\_1  
n201\_u N201\_U\_DEF\_SAPI3  
n201\_i N201\_I\_DEF  
xid\_valid LL\_XID\_INVALID  
sdu EMPTY\_SDU

## (7) LL\_XID\_REQ

sapi LL\_SAPI\_3  
tlli TLLI\_LOCAL\_1  
sdu EMPTY\_SDU

## (8) LL\_ESTABLISH\_RES

sapi LL\_SAPI\_3  
tlli TLLI\_LOCAL\_1  
xid\_valid LL\_XID\_INVALID  
sdu EMPTY\_SDU

## History:

07-Dec-2001 GS Initial

**3.18.5 LLC956: L3 and Peer Re-Establish Collision**

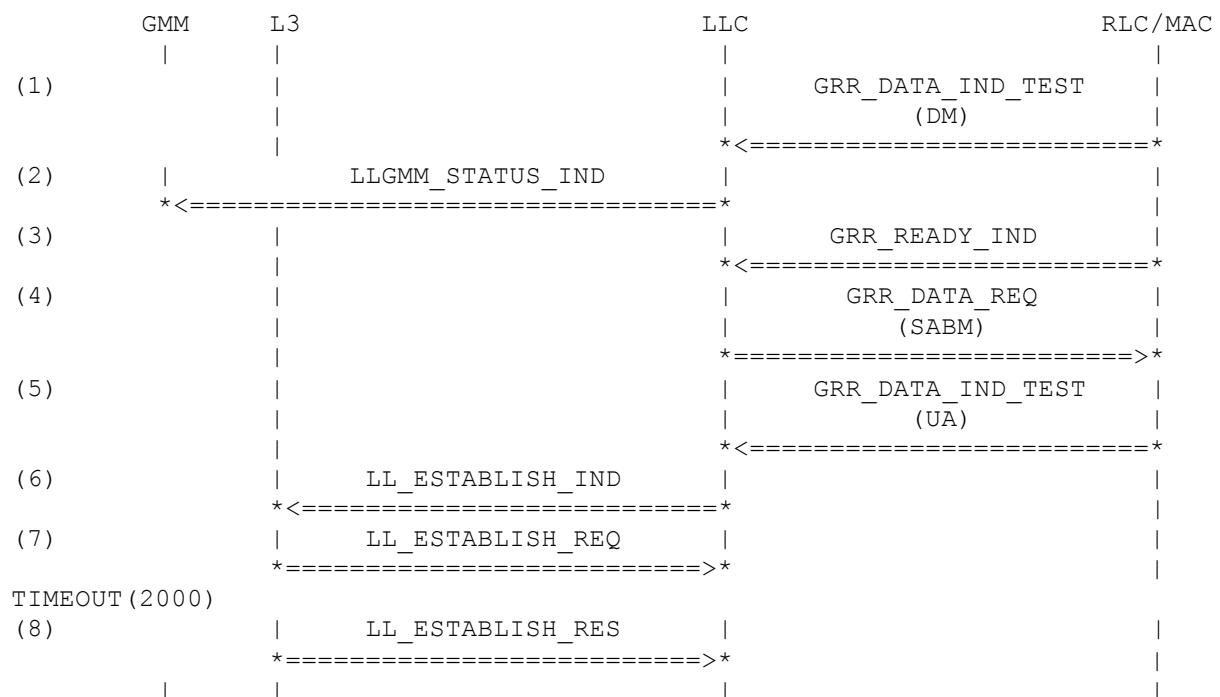
## Description:

LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC is in state 'ABM' and is ready to re-establish ABM mode of operation. LLC transmits the SABM command to its peer to re-establish ABM. The peer responds with UA, ABM is re-established. LLC indicates the re-establishment to SDCP and is waiting for the response. In the meantime a LL\_ESTABLISH\_REQ arrives and has to be ignored. After receiving the following establish response LLC is re-established.

## Preamble:

LLC400A



**Parametrization:**

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |
| (5) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (6) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                              |
| (7) LL_ESTABLISH_REQ  | sapi   | LL_SAPI_3   |

|                      |           |                |
|----------------------|-----------|----------------|
|                      | tlli      | TLLI_LOCAL_1   |
|                      | sdu       | EMPTY_SDU      |
| (8) LL_ESTABLISH_RES | sapi      | LL_SAPI_3      |
|                      | tlli      | TLLI_LOCAL_1   |
|                      | xid_valid | LL_XID_INVALID |
|                      | sdu       | EMPTY_SDU      |

History:

10-Dec-2001

GS

Initial

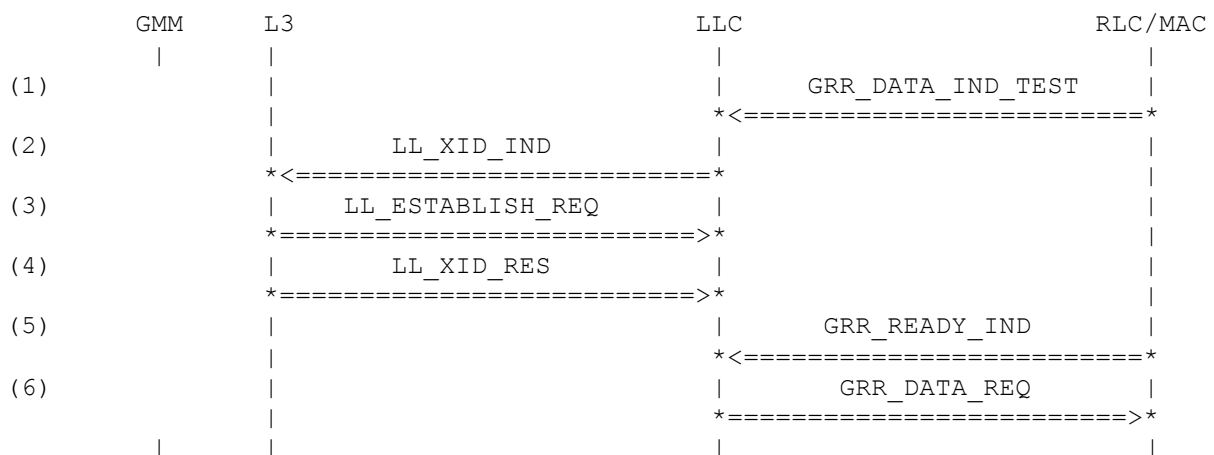
**3.18.6 LLC960: XID / Establish Request Collision**

Description:

LLC is in state ADM and receives a XID command including an empty block of layer 3 XID parameters. The parameters are forwarded to SNDCP. While waiting for the response an LL\_ESTABLISH\_REQ is received from layer 3. The request shall be ignored and the parameters included in following response will be send to the peer.

Preamble:

LLC001



Parametrization:

| Primitive             | Parameter | Value                   |
|-----------------------|-----------|-------------------------|
| (1) GRR_DATA_IND_TEST | tlli      | TLLI_LOCAL_1            |
|                       | sdu       | XID1_VE0_NU400_L3_SAPI3 |
| (2) LL_XID_IND        | sapi      | LL_SAPI_3               |
|                       | tlli      | TLLI_LOCAL_1            |
|                       | n201_u    | N201_U_400              |
|                       | n201_i    | NOT_USED                |
|                       | xid_valid | LL_XID_VALID            |
|                       | sdu       | EMPTY_SDU               |
| (3) LL_ESTABLISH_REQ  | sapi      | LL_SAPI_3               |
|                       | tlli      | TLLI_LOCAL_1            |
|                       | sdu       | EMPTY_SDU               |

## (4) LL\_XID\_RES

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |
| sdu  | EMPTY_SDU    |

## (5) GRR\_READY\_IND

## (6) GRR\_DATA\_REQ

|                   |                         |
|-------------------|-------------------------|
| sapi              | LL_SAPI_3               |
| tlli              | TLLI_LOCAL_1            |
| grr_qos           | GRRREQ_QOS_PEAKSUB      |
| radio_prio        | GRR_RADIO_PRIO_1        |
| cause             | GRR_DTACS_DEF           |
| reserved_data_req | NOT_USED                |
| sdu               | XID1_VE0_NU400_L3_SAPI3 |

## History:

07-Dec-2001

GS

Initial

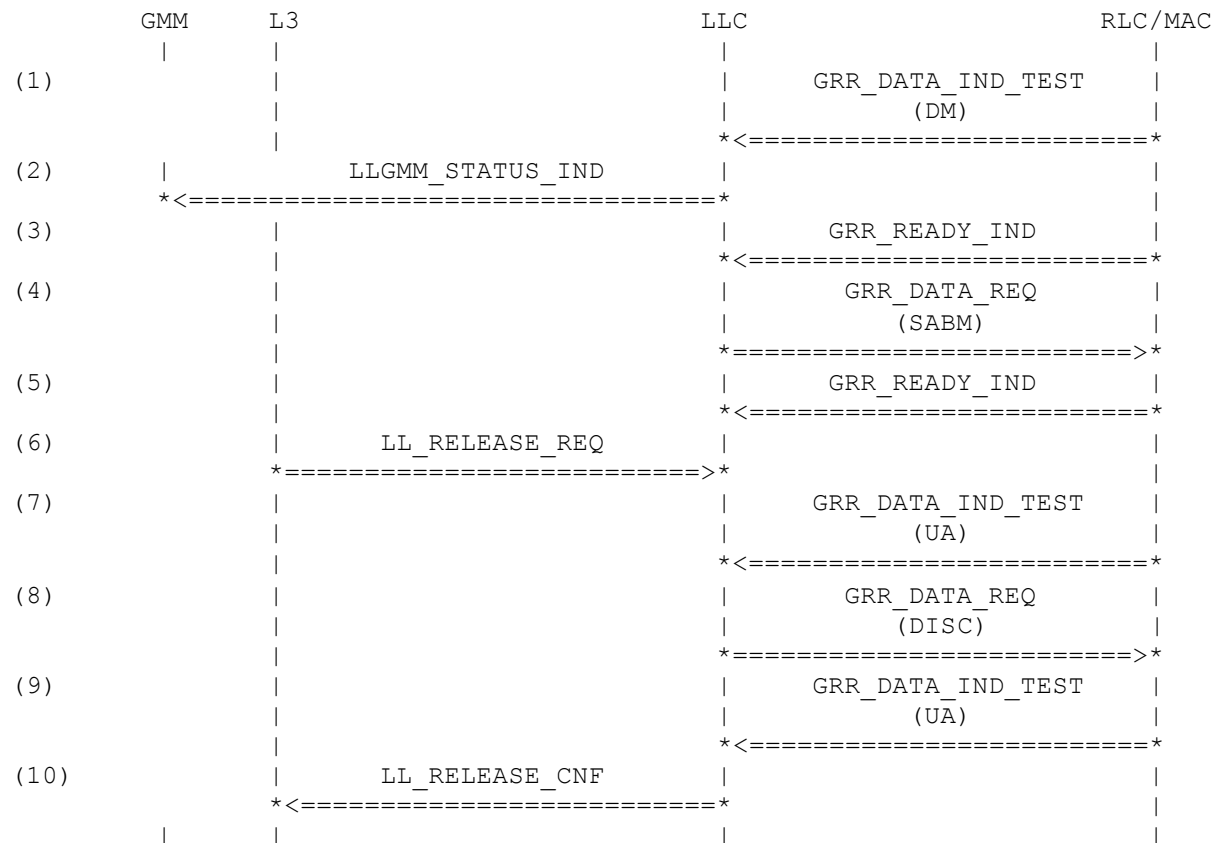
**3.18.7 LLC970: Re-Establish / Non-Local Release Request Collision**

## Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer to re-establish ABM. While waiting for a response layer 3 requests LLC to release to logical link. The request is stored and after the peer responds with an UA, the disconnect procedure is started. After completion of the procedure the release is confirmed to layer 3.

## Preamble:

LLC400A



**Parametrization:**

| <u>Primitive</u>      | <u>Parameter</u>   | <u>Value</u>  |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |
| (5) GRR_READY_IND     |  |   |
| (6) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_NOTLOCAL  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (8) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DISC_SAPI3       |
| (9) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (10) LL_RELEASE_CNF   | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |

## History:

10-Dec-2001

GS

Initial

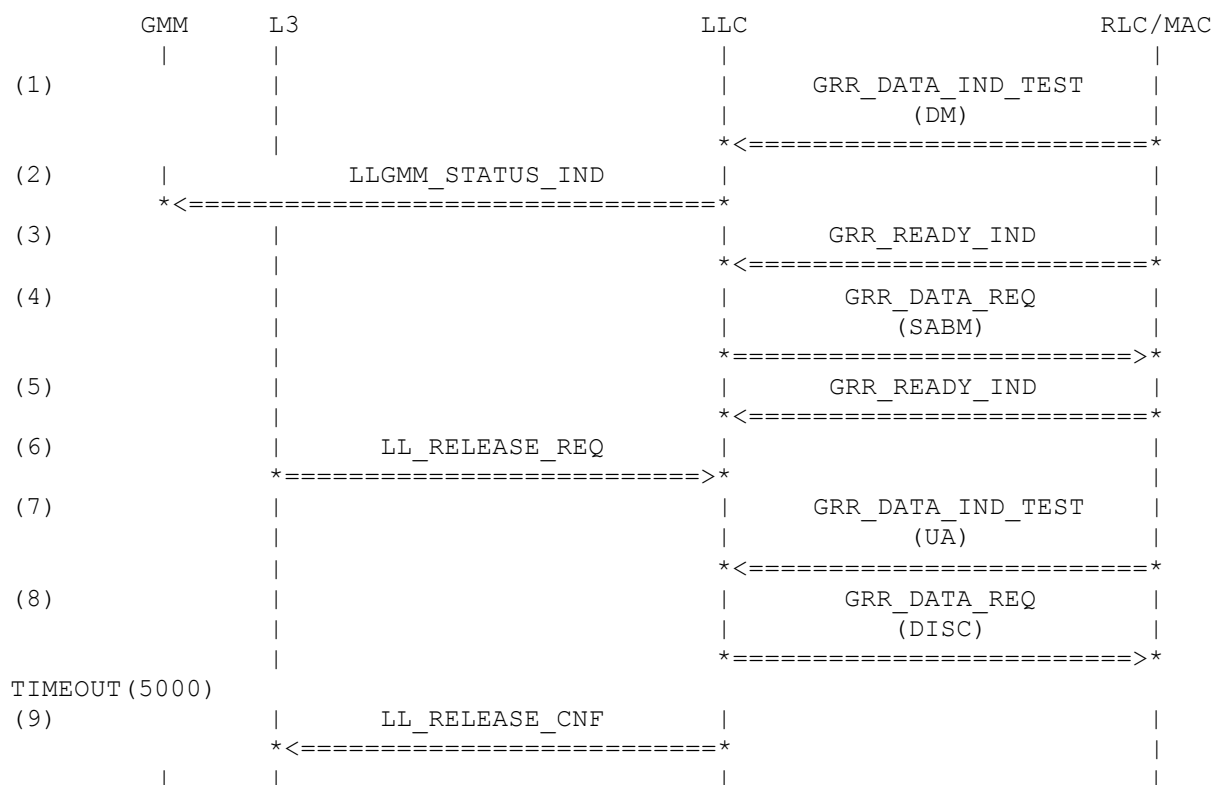
**3.18.8 LLC971: Re-Establish / Non-Local Release Request Collision with T200 timeout**

## Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer to re-establish ABM. While waiting for a response layer 3 requests LLC to release to logical link. The request is stored and after the peer responds with an UA, the disconnect procedure is started. After next T200 timeout while waiting for an UA the release is confirmed to layer 3 and no DISC is re-transmitted to the peer.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter                                     | Value   |
|-----------------------|---|---|
| (1) GRR_DATA_IND_TEST | tlci<br>sdu                                   | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3                                      |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST |   |
| (3) GRR_READY_IND     |   |   |
| (4) GRR_DATA_REQ      | sapi<br>tlci<br>grr_qos<br>radio_prio         | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRI0_1 |

|                       |                      |                      |
|-----------------------|----------------------|----------------------|
|                       | cause                | GRR_DTACS_DEF        |
|                       | reserved_data_req    | NOT_USED             |
|                       | sdu                  | MS_SABM_NOXID_SAPI3  |
| (5) GRR_READY_IND     |                      |                      |
| (6) LL_RELEASE_REQ    | sapi                 | LL_SAPI_3            |
|                       | tlli                 | TLLI_LOCAL_1         |
|                       | local                | LL_REL_NOTLOCAL      |
| (7) GRR_DATA_IND_TEST | tlli                 | TLLI_LOCAL_1         |
|                       | sdu                  | SGSN_UA1_NOXID_SAPI3 |
| (8) GRR_DATA_REQ      | sapi                 | LL_SAPI_3            |
|                       | tlli                 | TLLI_LOCAL_1         |
|                       | grr_qos              | GRRREQ_QOS_PEAKSUB   |
|                       | radio_prio           | GRR_RADIO_PRIO_1     |
|                       | cause                | GRR_DTACS_DEF        |
|                       | reserved_data_req    | NOT_USED             |
|                       | sdu                  | MS_DISC_SAPI3        |
| (9) LL_RELEASE_CNF    | sapi                 | LL_SAPI_3            |
|                       | tlli                 | TLLI_LOCAL_1         |
|                       | reserved_release_cnf | NOT_USED             |

## History:

10-Dec-2001

GS

Initial

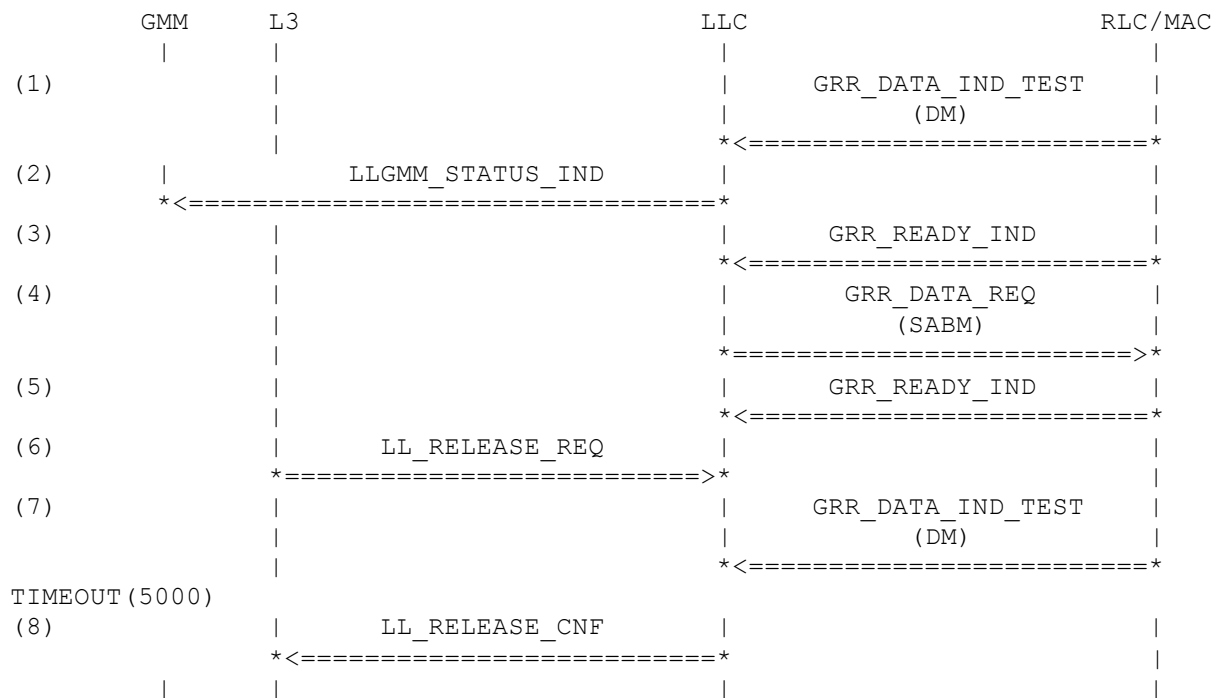
**3.18.9 LLC972: Re-Establish / Non-Local Release Request Collision with DM received**

## Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer to re-establish ABM. While waiting for a response layer 3 requests LLC to release to logical link. The request is stored and after the peer responds with an DM, the disconnect of the logical link is confirmed to layer 3.

## Preamble:

LLC400A

**Parametrization:**

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |
| (5) GRR_READY_IND     |  |   |
| (6) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_NOTLOCAL  |
| (7) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM1_SAPI3  |
| (8) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |

## History:

10-Dec-2001

GS

Initial

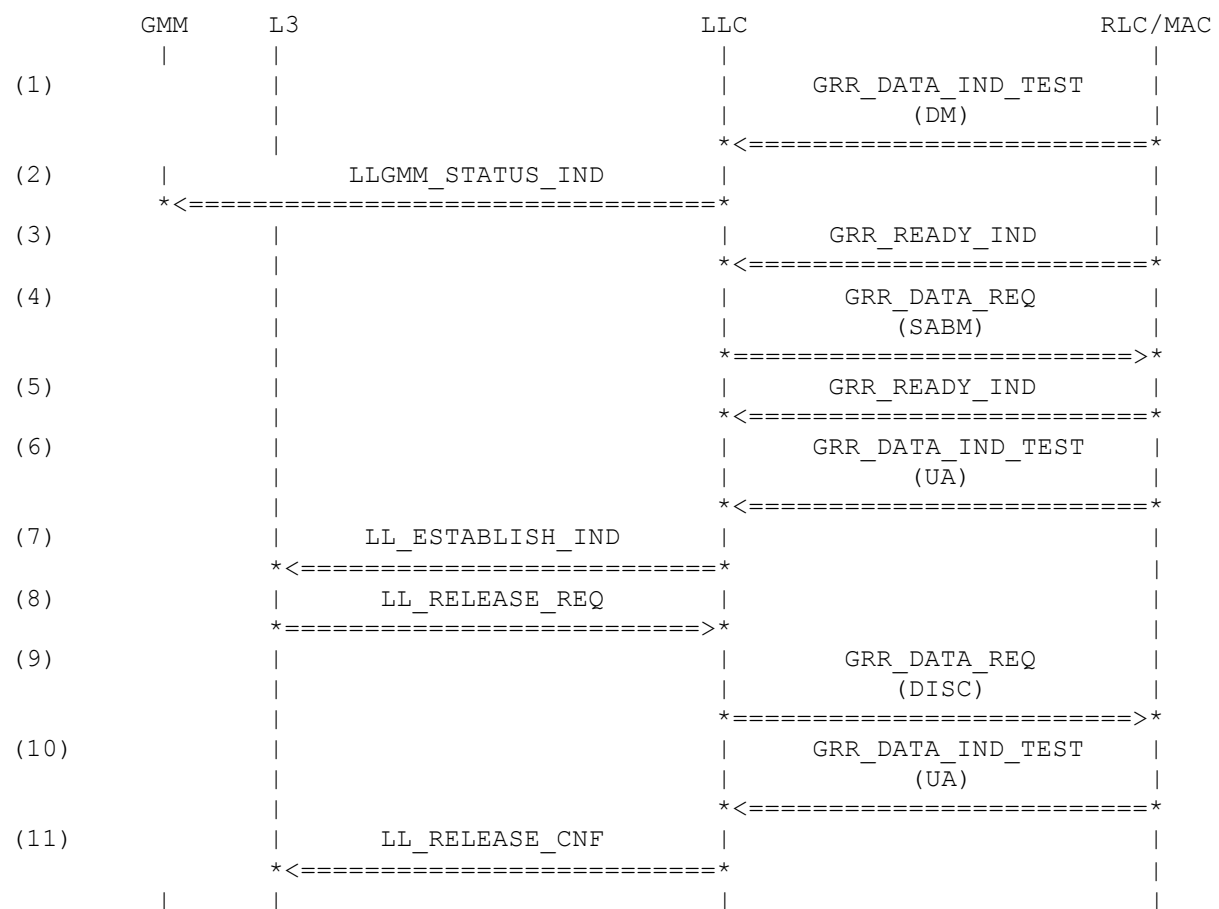
**3.18.10 LLC973: Local Re-Establish Indication / Non-Local Release Request Collision**

## Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer and receives an UA. LLC now is re-established and back in 'ABM'. This is indicated to layer 3 by an LL\_ESTABLISH\_IND. While waiting for the response from layer 3 LLC receives from there a non-local request to release to logical link. LLC starts the disconnect procedure and after completion the release is confirmed to layer 3.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter                                     | Value                         |
|-----------------------|---|-------------------------------|
| (1) GRR_DATA_IND_TEST | tlI<br>sdu                                    | TLI_LOCAL_1<br>SGSN_DM0_SAPI3 |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST |                               |
| (3) GRR_READY_IND     |   |                               |



|                        |  |   |
|------------------------|--|---|
| (4) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |
| (5) GRR_READY_IND      |  |   |
| (6) GRR_DATA_IND_TEST  | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (9) LL_ESTABLISH_IND   | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                                |
| (10) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_NOTLOCAL  |
| (11) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DISC_SAPI3       |
| (12) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (13) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |

## History:

|             |    |         |
|-------------|----|---------|
| 10-Dec-2001 | GS | Initial |
|-------------|----|---------|

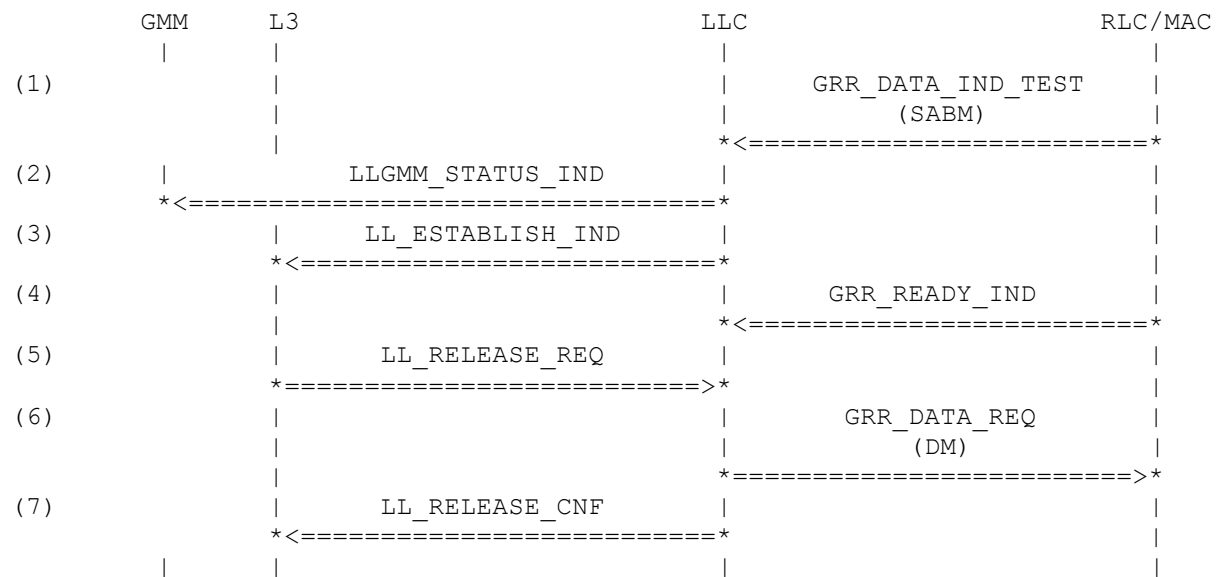
**3.18.11 LLC975: Remote Re-Establish Indication / Non-Local Release Request Collision**

## Description:

In state 'ABM' LLC receives an SABM command which is indicating a re-establish condition at the peer. LLC sends an establish indication to layer 3 and a status indication to GMM. While waiting for the response LLC receives from layer 3 a non-local request to release to logical link. LLC aborts the re-establish procedure by sending a DM to the peer and confirms the release to layer 3.

## Preamble:

LLC400A

**Parametrization:**

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_SABM_NOXID_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause  | LLGMM_ERRCS_PEER_REEST   |
| (3) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                       |
| (4) GRR_READY_IND     |  |  |
| (5) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_NOTLOCAL   |
| (6) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_DM1_SAPI3 |
| (7) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED  |

## History:

10-Dec-2001

GS

Initial

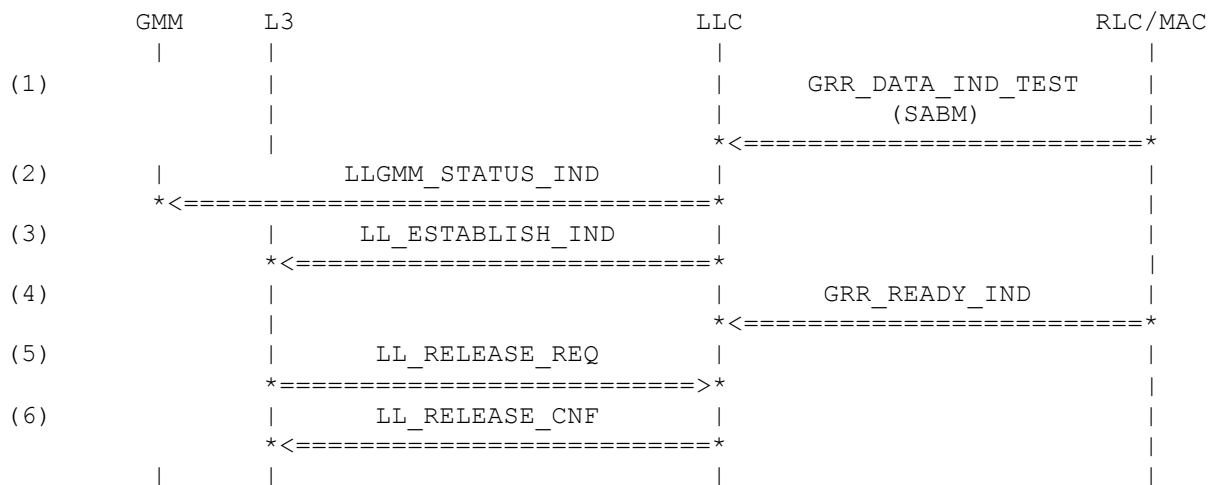
**3.18.12 LLC980: Remote Re-Establish Indication / Local Release Request Collision**

## Description:

In state 'ABM' LLC receives an SABM command which is indicating a re-establish condition at the peer. LLC sends an establish indication to layer 3 and a status indication to GMM. While waiting for the response LLC receives from layer 3 a request to release to logical link locally. LLC aborts the re-establish procedure confirmed the release to layer 3.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter  | Value  |
|-----------------------|--|--|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_SABM_NOXID_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause  | LLGMM_ERRCS_PEER_REEST   |
| (3) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU |
| (4) GRR_READY_IND     |  |  |
| (5) LL_RELEASE_REQ    | sapi<br>tlli<br>local                                | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_LOCAL  |
| (6) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                 | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED  |

## History:

11-Dec-2001

GS

Initial

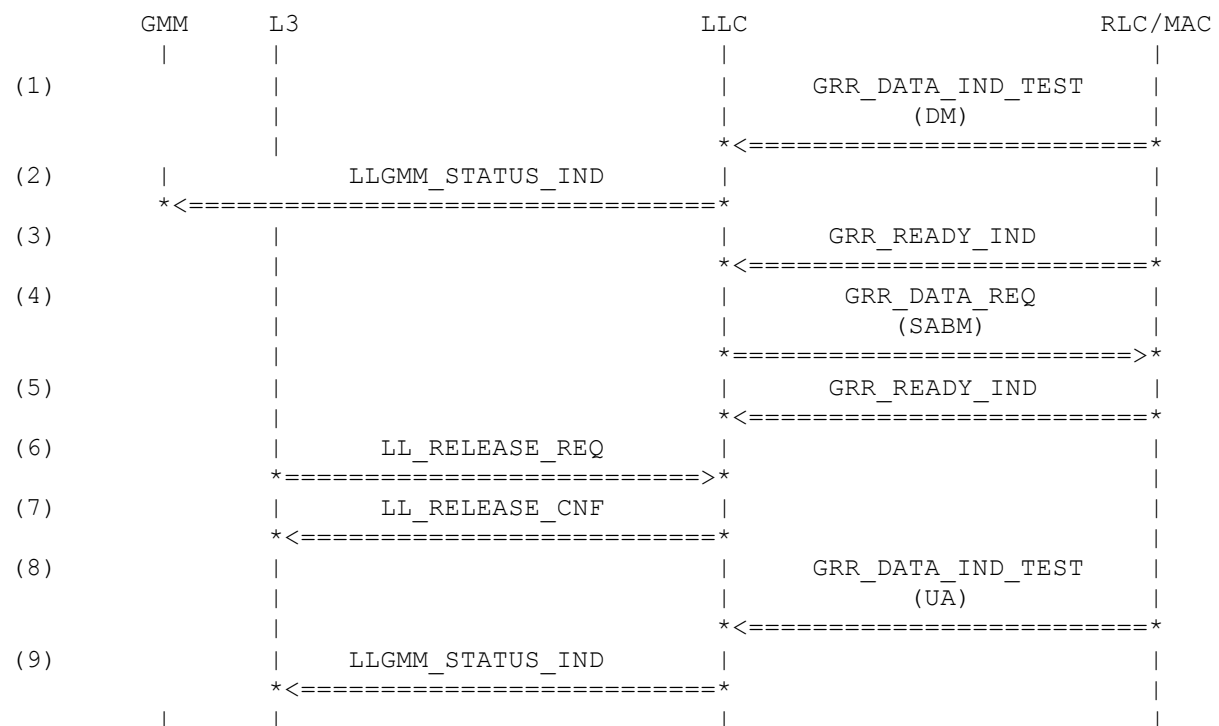
**3.18.13 LLC981: Local Re-Establish Indication / Local Release Request Collision**

## Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer. While waiting for the UA response LLC receives from layer 3 a request to release to logical link locally. After receiving the UA from the peer LLC confirms the release to layer 3.

## Preamble:

LLC400A



## Parametrization:

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |

(5) GRR\_READY\_IND

(6) LL\_RELEASE\_REQ

|       |              |
|-------|--------------|
| sapi  | LL_SAPI_3    |
| tlli  | TLLI_LOCAL_1 |
| local | LL_REL_LOCAL |

(7) LL\_RELEASE\_CNF

|                      |              |
|----------------------|--------------|
| sapi                 | LL_SAPI_3    |
| tlli                 | TLLI_LOCAL_1 |
| reserved_release_cnf | NOT_USED     |

(8) GRR\_DATA\_IND\_TEST

|      |                      |
|------|----------------------|
| tlli | TLLI_LOCAL_1         |
| sdu  | SGSN_UA1_NOXID_SAPI3 |

(9) LLGMM\_STATUS\_IND

|             |                           |
|-------------|---------------------------|
| error_cause | LLGMM_ERRCS_MULT_ASS_TLLI |
|-------------|---------------------------|

History:

11-Dec-2001

GS

Initial

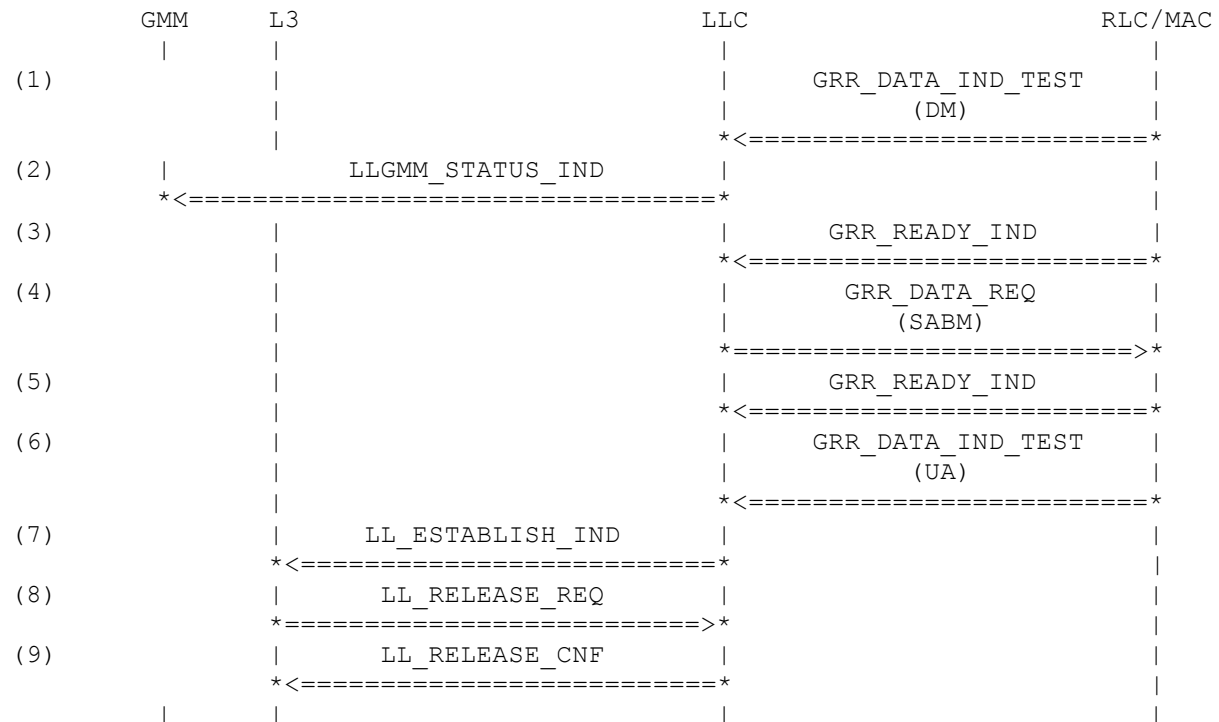
**3.18.14 LLC982: Local Re-Establish Indication / Local Release Request Collision**

Description:

In state 'ABM' LLC receives an unsolicited DM response with F bit set to 0 for SAPI 3. LLC transmits the SABM command to its peer and receives an UA. LLC now is re-established and back in 'ABM'. This is indicated to layer 3 by an LL\_ESTABLISH\_IND. While waiting for the response from layer 3 LLC receives from there a non-local request to release to logical link. LLC starts the disconnect procedure and after completion the release is confirmed to layer 3.

Preamble:

LLC400A



Parametrization:

| Primitive             | Parameter  | Value   |
|-----------------------|--|---|
| (1) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (2) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_DM0_RECEIVED_REEST                              |   |
| (3) GRR_READY_IND     |  |   |
| (4) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOXID_SAPI3 |
| (5) GRR_READY_IND     |  |   |
| (6) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOXID_SAPI3  |
| (7) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_DEF_SAPI3<br>N201_I_DEF<br>LL_XID_INVALID<br>EMPTY_SDU                              |
| (8) LL_RELEASE_REQ    | sapi<br>tlli<br>local  | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_REL_LOCAL   |
| (9) LL_RELEASE_CNF    | sapi<br>tlli<br>reserved_release_cnf                                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |

History:

10-Dec-2001

GS

Initial

### 3.19 GCF related test cases

#### 3.19.1 LLC009: Layer-3 initiated ABM establishment, UA response with xid parameter

Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA. - This test case is used as a preamble.

Preamble:

LLC000

Variants:

&lt;A&gt;....&lt;B&gt;

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
|         |                                |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 N201_I 520) |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 T200 200)   |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 9 N201_I 520) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                | LL_ESTABLISH_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (8)     |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (9)     |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
| (10)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (11)    |                                | LL_ESTABLISH_CNF |                   |         |
|         |                                | *<=====*         |                   |         |
| (12)    |                                | LL_READY_IND     |                   |         |
|         |                                | *<=====*         |                   |         |
|         |                                |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi                | LL_SAPI_3                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (3) LL_UNITREADY_IND | sapi                | LL_SAPI_5                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (4) LL_UNITREADY_IND | sapi                | LL_SAPI_7                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (5) LL_UNITREADY_IND | sapi                | LL_SAPI_9                 |
|                      | tlli                | LL_TLLI_INVALID           |

|                        |  |  |
|------------------------|--|--|
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) LL_ESTABLISH_REQ   |  |  |
| <A>                    | sapi   | LL_SAPI_3  |
| <B>                    | sapi<br>tlli<br>sdu  | LL_SAPI_9<br>TLLI_LOCAL_1<br>EMPTY_SDU   |
| (8) GRR_READY_IND      |  |  |
| (9) GRR_DATA_REQ       |  |  |
| <A>                    | sapi   | LL_SAPI_3  |
| <B>                    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| <A>                    | MS_SABM_N201I_520_T200_200_SAPI3<br>sdu                                    | MS_SABM_N201I_520_SAPI9  |
| <B>                    |  |  |
| (10) GRR_DATA_IND_TEST |  |  |
| <A>                    | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_N201U_400_SAPI3   |
| <B>                    | sdu  | SGSN_UA1_N201_I520_KU1_SAPI9   |
| (11) LL_ESTABLISH_CNF  |  |  |
| <A>                    | sapi   | LL_SAPI_3  |
| <B>                    | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1  |
| <A>                    | n201_u   | N201_U_400   |
| <B>                    | n201_u   | NOT_USED   |
| <A>                    | n201_i   | N201_I_520   |
| <B>                    | n201_i<br>xid_valid<br>sdu   | N201_I_520<br>LL_XID_VALID<br>EMPTY_SDU  |
| (12) LL_READY_IND      |  |  |
| <A>                    | sapi   | LL_SAPI_3  |
| <B>                    | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1  |

History:

12-Jan-2003 UT

**3.19.2 LLC010: Layer-3 initiated ABM establishment, UA response with xid parameter**

Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA. - This test case is used as preamble.



## Preamble:

LLC000

## Variants:

&lt;A&gt;....&lt;B&gt;

|         | GMM  | L3               | LLC                | RLC/MAC |
|---------|------|------------------|--------------------|---------|
|         |      |                  |                    |         |
| COMMAND | (LLC | CONFIG           | SAPI 3 N201_I 520) |         |
| COMMAND | (LLC | CONFIG           | SAPI 9 N201_I 520) |         |
| (1)     |      | LLGMM_ASSIGN_REQ |                    |         |
|         |      | *=====           | >*                 |         |
| (2)     |      | LL_UNITREADY_IND |                    |         |
|         |      | *<=====          | *                  |         |
| (3)     |      | LL_UNITREADY_IND |                    |         |
|         |      | *<=====          | *                  |         |
| (4)     |      | LL_UNITREADY_IND |                    |         |
|         |      | *<=====          | *                  |         |
| (5)     |      | LL_UNITREADY_IND |                    |         |
|         |      | *<=====          | *                  |         |
| (6)     |      | LL_UNITREADY_IND |                    |         |
|         |      | *<=====          | *                  |         |
| (7)     |      | LL_ESTABLISH_REQ |                    |         |
|         |      | *=====           | >*                 |         |
| (8)     |      |                  | GRR_READY_IND      |         |
|         |      |                  | *<=====            | *       |
| (9)     |      |                  | GRR_DATA_REQ       |         |
|         |      |                  | *=====             | >*      |
| (10)    |      |                  | GRR_DATA_IND_TEST  |         |
|         |      |                  | *<=====            | *       |
| (11)    |      | LL_ESTABLISH_CNF |                    |         |
|         |      | *<=====          | *                  |         |
| (12)    |      | LL_READY_IND     |                    |         |
|         |      | *<=====          | *                  |         |
|         |      |                  |                    |         |

## Parametrization:

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi                | LL_SAPI_3                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (3) LL_UNITREADY_IND | sapi                | LL_SAPI_5                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (4) LL_UNITREADY_IND | sapi                | LL_SAPI_7                 |
|                      | tlli                | LL_TLLI_INVALID           |
| (5) LL_UNITREADY_IND | sapi                | LL_SAPI_9                 |
|                      | tlli                | LL_TLLI_INVALID           |

|                        |  |   |
|------------------------|--|---|
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |
| (7) LL_ESTABLISH_REQ   |  |   |
| <A>                    | sapi   | LL_SAPI_3   |
| <B>                    | sapi<br>tlli<br>sdu  | LL_SAPI_9<br>TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |   |
| (9) GRR_DATA_REQ       |  |   |
| <A>                    | sapi   | LL_SAPI_3   |
| <B>                    | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_9<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
|                        | <A>  | MS_SABM_N201I_520_SAPI9   |
|                        | <B>  | MS_SABM_N201I_520_SAPI9   |
| (10) GRR_DATA_IND_TEST |  |   |
|                        | tlli   | TLLI_LOCAL_1  |
| <A>                    | sdu  | SGSN_UA1_N201U_400_SAPI3  |
| <B>                    | sdu  | SGSN_UA1_N201_I520_U400_SAPI9   |
| (11) LL_ESTABLISH_CNF  |  |   |
| <A>                    | sapi   | LL_SAPI_3   |
| <B>                    | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |
| <A>                    | n201_u   | N201_U_400  |
| <B>                    | n201_u   | N201_U_400  |
| <A>                    | n201_i   | N201_I_520  |
| <B>                    | n201_i<br>xid_valid<br>sdu   | N201_I_520<br>LL_XID_VALID<br>EMPTY_SDU   |
| (12) LL_READY_IND      |  |   |
| <A>                    | sapi   | LL_SAPI_3   |
| <B>                    | sapi<br>tlli   | LL_SAPI_9<br>TLLI_LOCAL_1   |

History:

12-Jan-2003

UT

**3.19.3 LLC011: Negotiation of XID parameters on SAPI 3 initiated by SND CP**

Description:

LLC is assigned and ready to send data. LLC receives a LL\_XID\_REQ and therefore sends a XID command message to its peer entity. The peer answers with a XID response. The layer 3 XID parameters are forwarded to SND CP in an LL\_XID\_CNF.- Variant A: Network Answers with empty xid frame. Variant B: Network answers with same parameter as included in XID command.

Preamble:

LLC000

Variants:

&lt;A&gt;....&lt;B&gt;

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
|         |                                |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 N201_U 400) |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 N201_I 520) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                | LL_XID_REQ       |                   |         |
|         |                                | *=====>*         |                   |         |
| (8)     |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (9)     |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
| (10)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (11)    |                                | LL_XID_CNF       |                   |         |
|         |                                | *<=====*         |                   |         |
|         |                                |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter   | Value  |
|----------------------|---|--|
| (1) LLGMM_ASSIGN_REQ | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |

|                        |  |  |
|------------------------|--|--|
| (7) LL_XID_REQ         | sapi<br>tlli<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU   |
| (8) GRR_READY_IND      |  |  |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>XID_N201_I_U_520_400_EL3_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu<br><A><br><B><br>sdu   | TLLI_LOCAL_1<br>XID_CR0_EMPTY_L3_SAPI3<br>XID_EL3_N201_I_U_520_400_SAPI3   |
| (11) LL_XID_CNF        | sapi<br>tlli<br>n201_u<br>n201_i<br>sdu                                    | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_520<br>EMPTY_SDU   |

History:

|             |    |         |
|-------------|----|---------|
| 13-Feb-2003 | UT | Initial |
|-------------|----|---------|

**3.19.4 LLC012: GCF390 – TC 46.2.2.2.1, TC 46.2.2.2.2**

Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SNDSCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA. After ABM reestablishment LLC receives I+S frame from GRR. LLC receives the primitive LL\_ESTABLISH\_REQ from SNDSCP and ABM is re-established. All I+S frames LLC receives from peer are acknowledged with a supervisory frame.

Preamble:

LLC000

|         | GMM                            | L3               | LLC               | RLC/MAC |
|---------|--------------------------------|------------------|-------------------|---------|
|         |                                |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 N201_I 520) |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 MD 0)       |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 3 MU 0)       |                  |                   |         |
| COMMAND | (LLC CONFIG SAPI 9 N201_I 520) |                  |                   |         |
| (1)     |                                | LLGMM_ASSIGN_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (2)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (3)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (4)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (5)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (6)     |                                | LL_UNITREADY_IND |                   |         |
|         |                                | *<=====*         |                   |         |
| (7)     |                                | LL_ESTABLISH_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (8)     |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (9)     |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
| (10)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (11)    |                                | LL_ESTABLISH_CNF |                   |         |
|         |                                | *<=====*         |                   |         |
| (12)    |                                | LL_READY_IND     |                   |         |
|         |                                | *<=====*         |                   |         |
| (13)    |                                | LL_GETDATA_REQ   |                   |         |
|         |                                | *=====>*         |                   |         |
| (14)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (15)    |                                | LL_DATA_IND      |                   |         |
|         |                                | *<=====*         |                   |         |
| (16)    |                                | LL_ESTABLISH_REQ |                   |         |
|         |                                | *=====>*         |                   |         |
| (17)    |                                | LLGMM_STATUS_IND |                   |         |
|         | *<=====*                       |                  |                   |         |
| (18)    |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (19)    |                                |                  | GRR_DATA_REQ      |         |
|         |                                |                  | *=====>*          |         |
| (20)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (21)    |                                | LL_ESTABLISH_CNF |                   |         |
|         |                                | *<=====*         |                   |         |
| (22)    |                                | LL_READY_IND     |                   |         |
|         |                                | *<=====*         |                   |         |
| (23)    |                                | LL_GETDATA_REQ   |                   |         |
|         |                                | *=====>*         |                   |         |
| (24)    |                                |                  | GRR_DATA_IND_TEST |         |
|         |                                |                  | *<=====*          |         |
| (25)    |                                | LL_DATA_IND      |                   |         |
|         |                                | *<=====*         |                   |         |
| (26)    |                                |                  | GRR_READY_IND     |         |
|         |                                |                  | *<=====*          |         |
| (27)    |                                |                  | GRR_DATA_REQ      |         |

|      |  |                |  |                   |
|------|--|----------------|--|-------------------|
| (28) |  | LL_GETDATA_REQ |  | *=====>*          |
| (29) |  |                |  | GRR_DATA_IND_TEST |
| (30) |  | LL_DATA_IND    |  | *<=====*          |
| (31) |  |                |  | GRR_READY_IND     |
| (32) |  |                |  | GRR_DATA_REQ      |
| (33) |  | LL_GETDATA_REQ |  | *=====>*          |
| (34) |  |                |  | GRR_DATA_IND_TEST |
| (35) |  | LL_DATA_IND    |  | *<=====*          |
| (36) |  |                |  | GRR_READY_IND     |
| (37) |  |                |  | GRR_DATA_REQ      |
| (38) |  |                |  | GRR_DATA_IND_TEST |
| (39) |  |                |  | GRR_READY_IND     |
| (40) |  |                |  | GRR_DATA_REQ      |
| (41) |  |                |  | GRR_DATA_IND_TEST |
| (42) |  |                |  | GRR_READY_IND     |
| (43) |  |                |  | GRR_DATA_REQ      |
| (44) |  |                |  | GRR_DATA_IND_TEST |
| (45) |  |                |  | GRR_READY_IND     |
| (46) |  |                |  | GRR_DATA_REQ      |
| (47) |  |                |  | GRR_DATA_IND_TEST |
| (48) |  |                |  | GRR_READY_IND     |
| (49) |  |                |  | GRR_DATA_REQ      |
| (50) |  |                |  | GRR_DATA_IND_TEST |
| (51) |  |                |  | GRR_READY_IND     |
| (52) |  |                |  | GRR_DATA_REQ      |
| (53) |  |                |  | GRR_DATA_IND_TEST |
| (54) |  |                |  | GRR_READY_IND     |
| (55) |  |                |  | GRR_DATA_REQ      |
| (56) |  |                |  | GRR_DATA_IND_TEST |

|      |  |  |                   |  |
|------|--|--|-------------------|--|
| (57) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (58) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====            |  |
| (59) |  |  | GRR_DATA_IND_TEST |  |
|      |  |  | *<=====           |  |
| (60) |  |  | GRR_READY_IND     |  |
|      |  |  | *<=====           |  |
| (61) |  |  | GRR_DATA_REQ      |  |
|      |  |  | *=====            |  |
|      |  |  |                   |  |

**Parametrization:**

| Primitive              | Parameter   | Value  |
|------------------------|---|--|
| (1) LLGMM_ASSIGN_REQ   | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm   | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM                 |
| (2) LL_UNITREADY_IND   | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID   |
| (3) LL_UNITREADY_IND   | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID   |
| (4) LL_UNITREADY_IND   | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID   |
| (5) LL_UNITREADY_IND   | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID   |
| (6) LL_UNITREADY_IND   | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID  |
| (7) LL_ESTABLISH_REQ   | sapi<br>tlli<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU   |
| (8) GRR_READY_IND      |   |  |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu<br>MS_SABM_N201I_520_MD0_MU0_SAPI3 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu   | TLLI_LOCAL_1   |

## SGSN\_UA1\_N201\_I520\_MD0\_MU0\_KD4\_KU4\_SAPI3

## (11) LL\_ESTABLISH\_CNF

|           |              |
|-----------|--------------|
| sapi      | LL_SAPI_3    |
| tlli      | TLLI_LOCAL_1 |
| n201_u    | NOT_USED     |
| n201_i    | N201_I_520   |
| xid_valid | LL_XID_VALID |
| sdu       | EMPTY_SDU    |

## (12) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (13) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (14) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  | GRRIND_NS0_NR0_SDU100_A1_SAPI3 |

## (15) LL\_DATA\_IND

|                    |                             |
|--------------------|-----------------------------|
| sapi               | LL_SAPI_3                   |
| tlli               | TLLI_LOCAL_1                |
| reserved_data_ind1 | NOT_USED                    |
| reserved_data_ind2 | NOT_USED                    |
| reserved_data_ind3 | NOT_USED                    |
| reserved_data_ind4 | NOT_USED                    |
| reserved_data_ind5 | NOT_USED                    |
| reserved_data_ind6 | NOT_USED                    |
| sdu                | LLDATAIND_SDU100_N0A1_SAPI3 |

## (16) LL\_ESTABLISH\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |
| sdu  | EMPTY_SDU    |

## (17) LLGMM\_STATUS\_IND

|             |                      |
|-------------|----------------------|
| error_cause | LLGMM_ERRCS_L3_REEST |
|-------------|----------------------|

## (18) GRR\_READY\_IND

## (19) GRR\_DATA\_REQ

|                   |                                 |
|-------------------|---------------------------------|
| sapi              | LL_SAPI_3                       |
| tlli              | TLLI_LOCAL_1                    |
| grr_qos           | GRRREQ_QOS_PEAKSUB              |
| radio_prio        | GRR_RADIO_PRIO_1                |
| cause             | GRR_DTACS_DEF                   |
| reserved_data_req | NOT_USED                        |
| sdu               | MS_SABM_N201I_520_MD0_MU0_SAPI3 |

## (20) GRR\_DATA\_IND\_TEST

|      |                             |
|------|-----------------------------|
| tlli | TLLI_LOCAL_1                |
| sdu  | SGSN_UA1_EMPTY_L3_XID_SAPI3 |

## (21) LL\_ESTABLISH\_CNF

|      |           |
|------|-----------|
| sapi | LL_SAPI_3 |
|------|-----------|



|                        |   |  |
|------------------------|---|--|
|                        | tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu  | TLLI_LOCAL_1<br>NOT_USED<br>N201_I_520<br>LL_XID_VALID<br>EMPTY_SDU  |
| (22) LL_READY_IND      | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (23) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (24) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS0_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (25) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N0A1_SAPI3 |
| (26) GRR_READY_IND     |   |  |
| (27) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR1_A0_SAPI3       |
| (28) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (29) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS1_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (30) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N1A1_SAPI3 |
| (31) GRR_READY_IND     |   |  |

(32) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR2_A0_SAPI3 |

(33) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

(34) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  | GRRIND_NS2_NR0_SDU100_A1_SAPI3 |

(35) LL\_DATA\_IND

|                    |                             |
|--------------------|-----------------------------|
| sapi               | LL_SAPI_3                   |
| tlli               | TLLI_LOCAL_1                |
| reserved_data_ind1 | NOT_USED                    |
| reserved_data_ind2 | NOT_USED                    |
| reserved_data_ind3 | NOT_USED                    |
| reserved_data_ind4 | NOT_USED                    |
| reserved_data_ind5 | NOT_USED                    |
| reserved_data_ind6 | NOT_USED                    |
| sdu                | LLDATAIND_SDU100_N2A1_SAPI3 |

(36) GRR\_READY\_IND

(37) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR3_A0_SAPI3 |

(38) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  | GRRIND_NS3_NR0_SDU100_A1_SAPI3 |

(39) GRR\_READY\_IND

(40) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR4_A0_SAPI3 |

(41) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  | GRRIND_NS4_NR0_SDU100_A1_SAPI3 |

(42) GRR\_READY\_IND

(43) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR5_A0_SAPI3 |

(44) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  |                                |
|      | GRRIND_NS5_NR0_SDU100_A1_SAPI3 |

(45) GRR\_READY\_IND

(46) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR6_A0_SAPI3 |

(47) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  |                                |
|      | GRRIND_NS6_NR0_SDU100_A1_SAPI3 |

(48) GRR\_READY\_IND

(49) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR7_A0_SAPI3 |

(50) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  |                                |
|      | GRRIND_NS7_NR0_SDU100_A1_SAPI3 |

(51) GRR\_READY\_IND

(52) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR8_A0_SAPI3 |

(53) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  |                                |
|      | GRRIND_NS8_NR0_SDU100_A1_SAPI3 |

(54) GRR\_READY\_IND

(55) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKESSUB   |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR9_A0_SAPI3 |

(56) GRR\_DATA\_IND\_TEST

|                                |              |
|--------------------------------|--------------|
| tlli                           | TLLI_LOCAL_1 |
| sdu                            |              |
| GRRIND_NS9_NR0_SDU100_A1_SAPI3 |              |

(57) GRR\_READY\_IND

(58) GRR\_DATA\_REQ

|                   |                         |
|-------------------|-------------------------|
| sapi              | LL_SAPI_3               |
| tlli              | TLLI_LOCAL_1            |
| grr_qos           | GRRREQ_QOS_PEAKESSUB    |
| radio_prio        | GRR_RADIO_PRIO_1        |
| cause             | GRR_DTACS_DEF           |
| reserved_data_req | NOT_USED                |
| sdu               | GRRIND_RR_NR10_A0_SAPI3 |

(59) GRR\_DATA\_IND\_TEST

|                                 |              |
|---------------------------------|--------------|
| tlli                            | TLLI_LOCAL_1 |
| sdu                             |              |
| GRRIND_NS10_NR0_SDU100_A1_SAPI3 |              |

(60) GRR\_READY\_IND

(61) GRR\_DATA\_REQ

|                   |                         |
|-------------------|-------------------------|
| sapi              | LL_SAPI_3               |
| tlli              | TLLI_LOCAL_1            |
| grr_qos           | GRRREQ_QOS_PEAKESSUB    |
| radio_prio        | GRR_RADIO_PRIO_1        |
| cause             | GRR_DTACS_DEF           |
| reserved_data_req | NOT_USED                |
| sdu               | GRRIND_RR_NR11_A0_SAPI3 |

History:

|             |    |                            |
|-------------|----|----------------------------|
| 12-Jan-2003 | UT | Initial                    |
| 10-Apr-2003 | UT | Enhancement, data transfer |

### 3.19.5 LLC013: GCF390 – TC 46.1.2.5.1 Sending FRMR due to undefined command control field

Description:

After establishing a link, LLC receives one octet data from SMDCP. After transmission of this frame to the peer, LLC receives a supervisory frame from the peer within the GRR\_DATA\_IND\_TEST. The first byte of the S frame control field is set to 1110 0000. The MS sends an FRMR due to an undefined command control field. After the link is re-established, MS resumes data transmission.

Preamble:

LLC010A

|      | GMM | L3               | LLC               | RLC/MAC |
|------|-----|------------------|-------------------|---------|
| (1)  |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (2)  |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (3)  |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (4)  |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (5)  |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (6)  |     | LLGMM_STATUS_IND |                   |         |
|      |     | *<=====*         |                   |         |
| (7)  |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (8)  |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (9)  |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (10) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (11) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (12) |     | LL_ESTABLISH_IND |                   |         |
|      |     | *<=====*         |                   |         |
| (13) |     | LL_ESTABLISH_RES |                   |         |
|      |     | *=====>*         |                   |         |
| (14) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (15) |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (16) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (17) |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (18) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (19) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (20) |     | LL_DATA_CNF      |                   |         |
|      |     | *<=====*         |                   |         |
| (21) |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (22) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (23) |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (24) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (25) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (26) |     | LL_DATA_CNF      |                   |         |
|      |     | *<=====*         |                   |         |
|      |     |                  |                   |         |

**Parametrization:**

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

## (1) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_3           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU1          |

## (2) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

## (3) GRR\_READY\_IND

## (4) GRR\_DATA\_REQ

|                                |                    |
|--------------------------------|--------------------|
| sapi                           | LL_SAPI_3          |
| tlli                           | TLLI_LOCAL_1       |
| grr_qos                        | GRRREQ_QOS_PEAKSUB |
| radio_prio                     | GRR_RADIO_PRIO_3   |
| cause                          | GRR_DTACS_DEF      |
| reserved_data_req              | NOT_USED           |
| sdu                            |                    |
| GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                    |

## (5) GRR\_DATA\_IND\_TEST

|      |                           |
|------|---------------------------|
| tlli | TLLI_LOCAL_1              |
| sdu  | SGSN_UNDEFCOMMCTRL0_SAPI3 |

## (6) LLGMM\_STATUS\_IND

|                             |  |
|-----------------------------|--|
| error_cause                 |  |
| LLGMM_ERRCS_FRMR_COND_REEST |  |

## (7) GRR\_READY\_IND

## (8) GRR\_DATA\_REQ

|                                    |                    |
|------------------------------------|--------------------|
| sapi                               | LL_SAPI_3          |
| tlli                               | TLLI_LOCAL_1       |
| grr_qos                            | GRRREQ_QOS_PEAKSUB |
| radio_prio                         | GRR_RADIO_PRIO_1   |
| cause                              | GRR_DTACS_DEF      |
| reserved_data_req                  | NOT_USED           |
| sdu                                |                    |
| MS_FRMR_UNDEFCTRL0_VS1_REEST_SAPI3 |                    |

## (9) GRR\_READY\_IND

## (10) GRR\_DATA\_REQ

|                   |                              |
|-------------------|------------------------------|
| sapi              | LL_SAPI_3                    |
| tlli              | TLLI_LOCAL_1                 |
| grr_qos           | GRRREQ_QOS_PEAKSUB           |
| radio_prio        | GRR_RADIO_PRIO_1             |
| cause             | GRR_DTACS_DEF                |
| reserved_data_req | NOT_USED                     |
| sdu               | MS_SABM_NOL3_N201I_520_SAPI3 |

|                        |  |   |
|------------------------|--|---|
| (11) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOL3_N201_I520_SAPI3   |
| (12) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_520<br>LL_XID_INVALID<br>EMPTY_SDU  |
| (13) LL_ESTABLISH_RES  | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_INVALID<br>EMPTY_SDU  |
| (14) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (15) LL_DATA_REQ       | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU500 |
| (16) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (17) GRR_READY_IND     |  |   |
| (18) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu<br>GRR_DATAREQ_NS0_NR0_A1_500_SAPI3   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEBSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED  |
| (19) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR1_A0_SAPI3  |
| (20) LL_DATA_CNF       | sapi<br>tlli<br>reference1   | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED   |
| (21) LL_DATA_REQ       |  |   |

|                        |                                  |                        |
|------------------------|----------------------------------|------------------------|
|                        | sapi                             | LL_SAPI_3              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | ll_qos                           | LLREQ_QOS_DEL4_REL5    |
|                        | radio_prio                       | LL_RADIO_PRIO_3        |
|                        | reserved_data_req1               | NOT_USED               |
|                        | reference1                       | NOT_USED               |
|                        | seg_pos                          | NOT_USED               |
|                        | attached_counter                 | LLC_NO_ATTACHE         |
|                        | reserved_data_req4               | NOT_USED               |
|                        | reserved_data_req5               | NOT_USED               |
|                        | sdu                              | LLREQ_SDU500           |
| (22) LL_READY_IND      |                                  |                        |
|                        | sapi                             | LL_SAPI_3              |
|                        | tlli                             | TLLI_LOCAL_1           |
| (23) GRR_READY_IND     |                                  |                        |
| (24) GRR_DATA_REQ      |                                  |                        |
|                        | sapi                             | LL_SAPI_3              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | grr_qos                          | GRRREQ_QOS_PEAKSUB     |
|                        | radio_prio                       | GRR_RADIO_PRIO_3       |
|                        | cause                            | GRR_DTACS_DEF          |
|                        | reserved_data_req                | NOT_USED               |
|                        | sdu                              |                        |
|                        | GRR_DATAREQ_NS1_NR0_A1_500_SAPI3 |                        |
| (25) GRR_DATA_IND_TEST |                                  |                        |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | sdu                              | GRRIND_RR_NR2_A0_SAPI3 |
| (26) LL_DATA_CNF       |                                  |                        |
|                        | sapi                             | LL_SAPI_3              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | reference1                       | NOT_USED               |

History:

03-Mar-2003

UT

Initial

**3.19.6 LLC014: GCF390 – TC 46.1.2.2.4.1 Reestablishment due to reception of SABM**

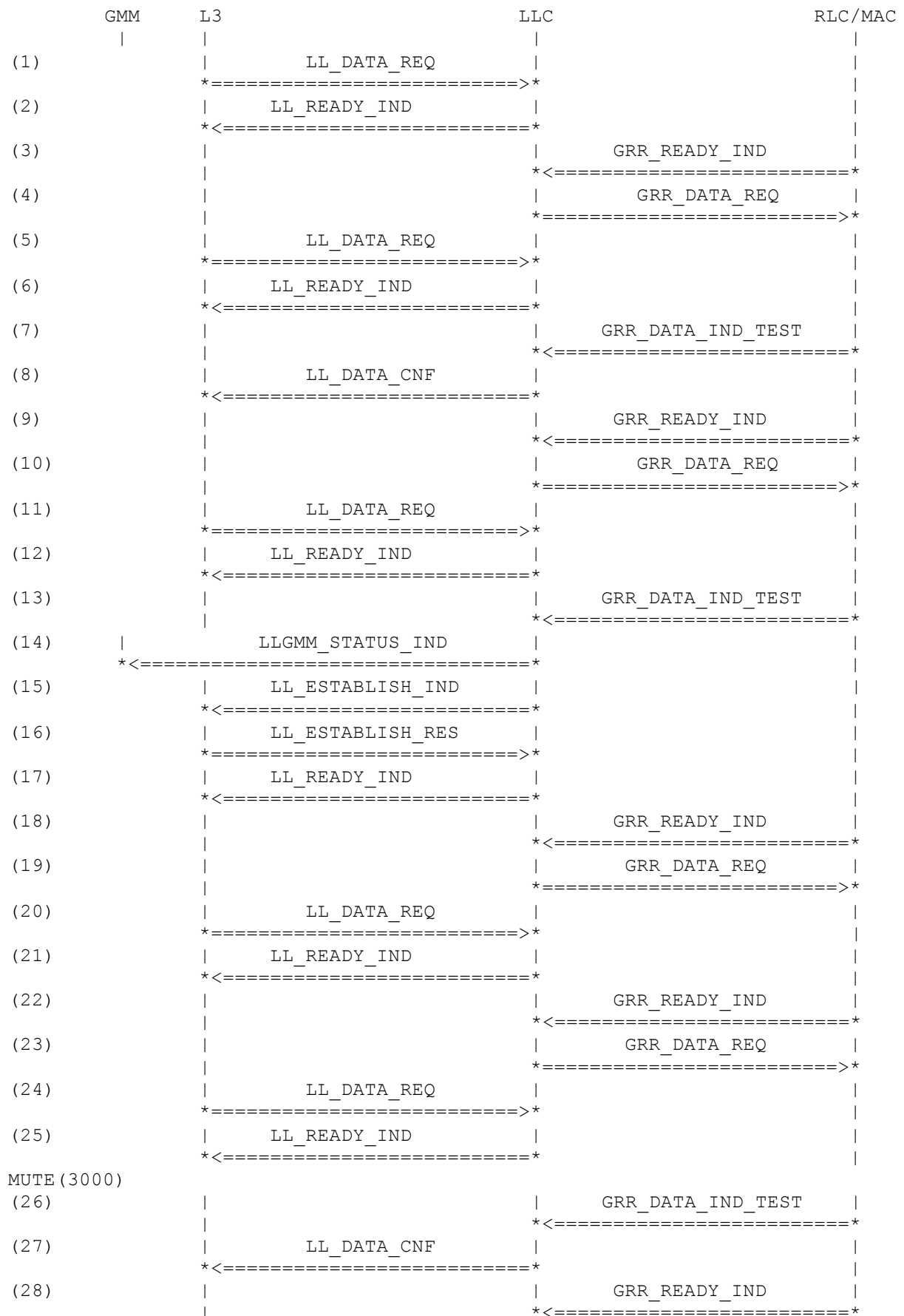
Description:

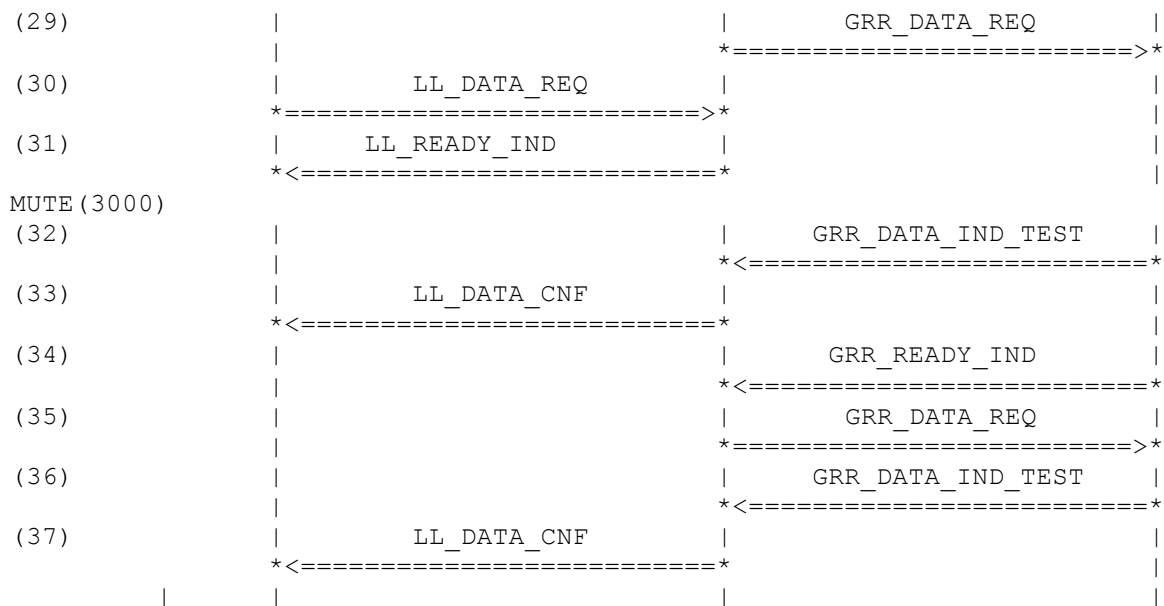
After establishing a link, LLC receives data from SNDCP . After sending 1 frame to the peer, which is acknowledged by a RR, LLC receives a SABM from the peer and LLC responds with an UA. After the link is re-established, the MS resumes data transmission.

Preamble:

LLC009B





**Parametrization:**

| Primitive         | Parameter                        | Value               |
|-------------------|----------------------------------|---------------------|
| (1) LL_DATA_REQ   | sapi                             | LL_SAPI_9           |
|                   | tlli                             | TLLI_LOCAL_1        |
|                   | ll_qos                           | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio                       | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1               | NOT_USED            |
|                   | reference1                       | NOT_USED            |
|                   | seg_pos                          | NOT_USED            |
|                   | attached_counter                 | LLC_NO_ATTACHE      |
|                   | reserved_data_req4               | NOT_USED            |
|                   | reserved_data_req5               | NOT_USED            |
|                   | sdu                              | LLREQ_SDU500        |
| (2) LL_READY_IND  | sapi                             | LL_SAPI_9           |
|                   | tlli                             | TLLI_LOCAL_1        |
| (3) GRR_READY_IND |                                  |                     |
| (4) GRR_DATA_REQ  | sapi                             | LL_SAPI_9           |
|                   | tlli                             | TLLI_LOCAL_1        |
|                   | grr_qos                          | GRRREQ_QOS_PEAKSUB  |
|                   | radio_prio                       | GRR_RADIO_PRIO_3    |
|                   | cause                            | GRR_DTACS_DEF       |
|                   | reserved_data_req                | NOT_USED            |
|                   | sdu                              |                     |
|                   | GRR_DATAREQ_NS0_NR0_A1_500_SAPI9 |                     |
| (5) LL_DATA_REQ   | sapi                             | LL_SAPI_9           |
|                   | tlli                             | TLLI_LOCAL_1        |
|                   | ll_qos                           | LLREQ_QOS_DEL4_REL5 |
|                   | radio_prio                       | LL_RADIO_PRIO_3     |
|                   | reserved_data_req1               | NOT_USED            |

|                        |                                  |                        |
|------------------------|----------------------------------|------------------------|
|                        | reference1                       | NOT_USED               |
|                        | seg_pos                          | NOT_USED               |
|                        | attached_counter                 | LLC_NO_ATTACHE         |
|                        | reserved_data_req4               | NOT_USED               |
|                        | reserved_data_req5               | NOT_USED               |
|                        | sdu                              | LLREQ_SDU500           |
| (6) LL_READY_IND       |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
| (7) GRR_DATA_IND_TEST  |                                  |                        |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | sdu                              | GRRIND_RR_NR1_A0_SAPI9 |
| (8) LL_DATA_CNF        |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | reference1                       | NOT_USED               |
| (9) GRR_READY_IND      |                                  |                        |
| (10) GRR_DATA_REQ      |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | grr_qos                          | GRRREQ_QOS_PEAKSUB     |
|                        | radio_prio                       | GRR_RADIO_PRIO_3       |
|                        | cause                            | GRR_DTACS_DEF          |
|                        | reserved_data_req                | NOT_USED               |
|                        | sdu                              |                        |
|                        | GRR_DATAREQ_NS1_NR0_A1_500_SAPI9 |                        |
| (11) LL_DATA_REQ       |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | ll_qos                           | LLREQ_QOS_DEL4_REL5    |
|                        | radio_prio                       | LL_RADIO_PRIO_3        |
|                        | reserved_data_req1               | NOT_USED               |
|                        | reference1                       | NOT_USED               |
|                        | seg_pos                          | NOT_USED               |
|                        | attached_counter                 | LLC_NO_ATTACHE         |
|                        | reserved_data_req4               | NOT_USED               |
|                        | reserved_data_req5               | NOT_USED               |
|                        | sdu                              | LLREQ_SDU500           |
| (12) LL_READY_IND      |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
| (13) GRR_DATA_IND_TEST |                                  |                        |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | sdu                              | SGSN_SABM_NOXID_SAPI9  |
| (14) LLGMM_STATUS_IND  |                                  |                        |
|                        | error_cause                      | LLGMM_ERRCS_PEER_REEST |
| (15) LL_ESTABLISH_IND  |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | n201_u                           | N201_U_DEF_SAPI9       |
|                        | n201_i                           | N201_I_520             |

|                       |                                  |                     |
|-----------------------|----------------------------------|---------------------|
|                       | xid_valid                        | LL_XID_INVALID      |
|                       | sdu                              | EMPTY_SDU           |
| (16) LL_ESTABLISH_RES |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
|                       | xid_valid                        | LL_XID_INVALID      |
|                       | sdu                              | EMPTY_SDU           |
| (17) LL_READY_IND     |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
| (18) GRR_READY_IND    |                                  |                     |
| (19) GRR_DATA_REQ     |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
|                       | grr_qos                          | GRRREQ_QOS_PEAQSUB  |
|                       | radio_prio                       | GRR_RADIO_PRIO_1    |
|                       | cause                            | GRR_DTACS_DEF       |
|                       | reserved_data_req                | NOT_USED            |
|                       | sdu                              | MS_UA1_NOXID_SAPI9  |
| (20) LL_DATA_REQ      |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
|                       | ll_qos                           | LLREQ_QOS_DEL4_REL5 |
|                       | radio_prio                       | LL_RADIO_PRIO_3     |
|                       | reserved_data_req1               | NOT_USED            |
|                       | reference1                       | NOT_USED            |
|                       | seg_pos                          | NOT_USED            |
|                       | attached_counter                 | LLC_NO_ATTACHE      |
|                       | reserved_data_req4               | NOT_USED            |
|                       | reserved_data_req5               | NOT_USED            |
|                       | sdu                              | LLREQ_SDU500        |
| (21) LL_READY_IND     |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
| (22) GRR_READY_IND    |                                  |                     |
| (23) GRR_DATA_REQ     |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
|                       | grr_qos                          | GRRREQ_QOS_PEAQSUB  |
|                       | radio_prio                       | GRR_RADIO_PRIO_3    |
|                       | cause                            | GRR_DTACS_DEF       |
|                       | reserved_data_req                | NOT_USED            |
|                       | sdu                              |                     |
|                       | GRR_DATAREQ_NS0_NR0_A1_500_SAPI9 |                     |
| (24) LL_DATA_REQ      |                                  |                     |
|                       | sapi                             | LL_SAPI_9           |
|                       | tlli                             | TLLI_LOCAL_1        |
|                       | ll_qos                           | LLREQ_QOS_DEL4_REL5 |
|                       | radio_prio                       | LL_RADIO_PRIO_3     |
|                       | reserved_data_req1               | NOT_USED            |
|                       | reference1                       | NOT_USED            |

|                        |                                  |                        |
|------------------------|----------------------------------|------------------------|
|                        | seg_pos                          | NOT_USED               |
|                        | attached_counter                 | LLC_NO_ATTACHE         |
|                        | reserved_data_req4               | NOT_USED               |
|                        | reserved_data_req5               | NOT_USED               |
|                        | sdu                              | LLREQ_SDU500           |
| (25) LL_READY_IND      |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
| (26) GRR_DATA_IND_TEST |                                  |                        |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | sdu                              | GRRIND_RR_NR1_A0_SAPI9 |
| (27) LL_DATA_CNF       |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | reference1                       | NOT_USED               |
| (28) GRR_READY_IND     |                                  |                        |
| (29) GRR_DATA_REQ      |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | grr_qos                          | GRRREQ_QOS_PEAKSUB     |
|                        | radio_prio                       | GRR_RADIO_PRIO_3       |
|                        | cause                            | GRR_DTACS_DEF          |
|                        | reserved_data_req                | NOT_USED               |
|                        | sdu                              |                        |
|                        | GRR_DATAREQ_NS1_NR0_A1_500_SAPI9 |                        |
| (30) LL_DATA_REQ       |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | ll_qos                           | LLREQ_QOS_DEL4_REL5    |
|                        | radio_prio                       | LL_RADIO_PRIO_3        |
|                        | reserved_data_req1               | NOT_USED               |
|                        | reference1                       | NOT_USED               |
|                        | seg_pos                          | NOT_USED               |
|                        | attached_counter                 | LLC_NO_ATTACHE         |
|                        | reserved_data_req4               | NOT_USED               |
|                        | reserved_data_req5               | NOT_USED               |
|                        | sdu                              | LLREQ_SDU500           |
| (31) LL_READY_IND      |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
| (32) GRR_DATA_IND_TEST |                                  |                        |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | sdu                              | GRRIND_RR_NR2_A0_SAPI9 |
| (33) LL_DATA_CNF       |                                  |                        |
|                        | sapi                             | LL_SAPI_9              |
|                        | tlli                             | TLLI_LOCAL_1           |
|                        | reference1                       | NOT_USED               |
| (34) GRR_READY_IND     |                                  |                        |

## (35) GRR\_DATA\_REQ

|                                  |                      |
|----------------------------------|----------------------|
| sapi                             | LL_SAPI_9            |
| tlli                             | TLLI_LOCAL_1         |
| grr_qos                          | GRRREQ_QOS_PEAKESSUB |
| radio_prio                       | GRR_RADIO_PRIO_3     |
| cause                            | GRR_DTACS_DEF        |
| reserved_data_req                | NOT_USED             |
| sdu                              |                      |
| GRR_DATAREQ_NS2_NR0_A1_500_SAPI9 |                      |

## (36) GRR\_DATA\_IND\_TEST

|      |                        |
|------|------------------------|
| tlli | TLLI_LOCAL_1           |
| sdu  | GRRIND_RR_NR3_A0_SAPI9 |

## (37) LL\_DATA\_CNF

|            |              |
|------------|--------------|
| sapi       | LL_SAPI_9    |
| tlli       | TLLI_LOCAL_1 |
| reference1 | NOT_USED     |

## History:

|             |    |         |
|-------------|----|---------|
| 04-Mar-2003 | UT | Initial |
|-------------|----|---------|

**3.19.7 LLC016: GCF390 – TC 46.1.2.2.3.3 SACK frame**

## Description:

LLC receives frames from  $N(S) = 0$  to  $N(S) = 17$ . The A bit is set to 1 for all frames. All the frames are acknowledged using RR. LLC receives the frame with  $N(S) = 20$  with the A bit set to 1. LLC negatively acknowledges the frames 18 and 19 by using SACK. After reception of frame 18 LLC sends an ACK acknowledging frame 18 and 20. LLC gets frame 19 and acknowledges this frame by sending a RR with  $NR=21$ .

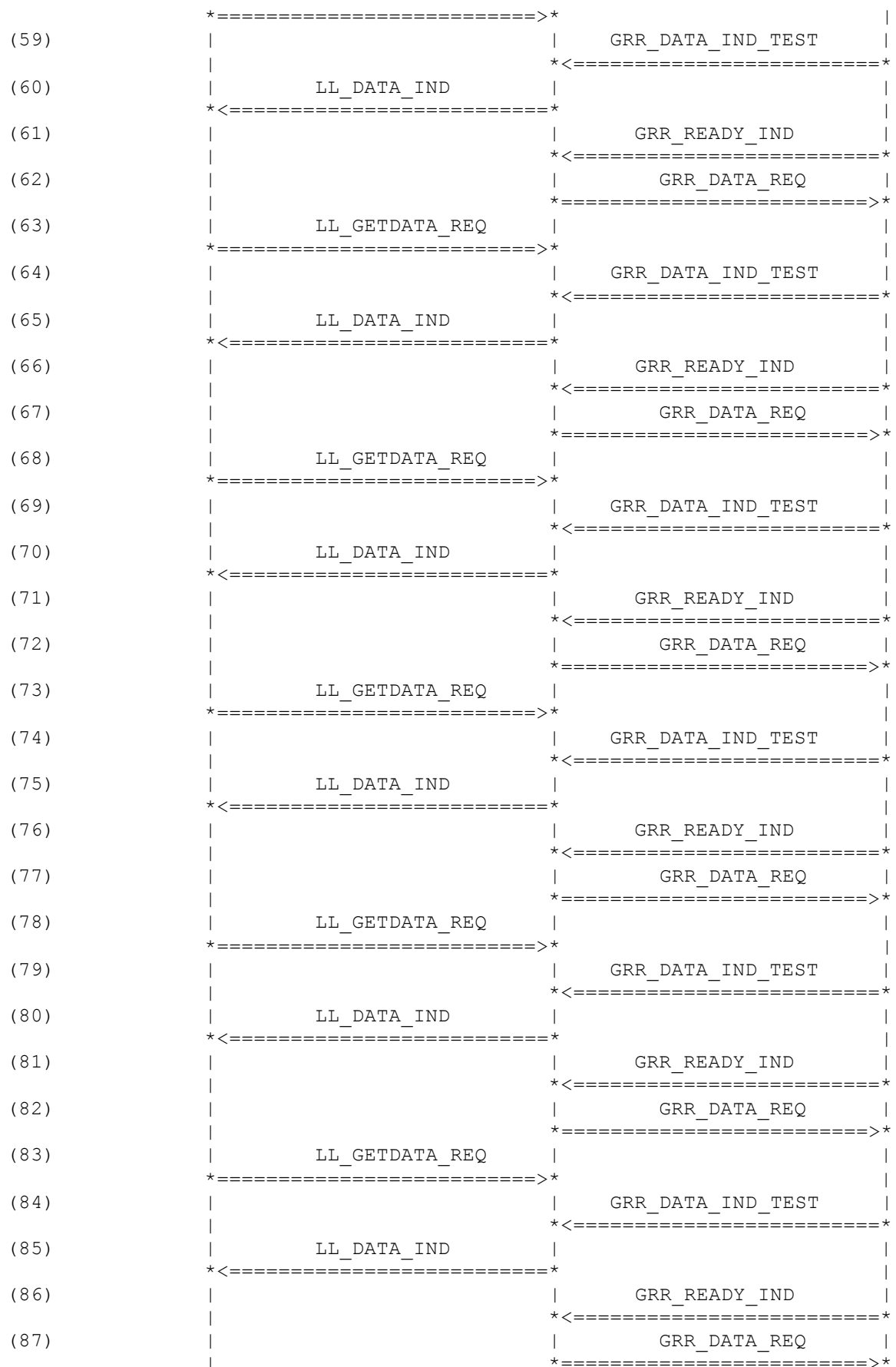
## Preamble:

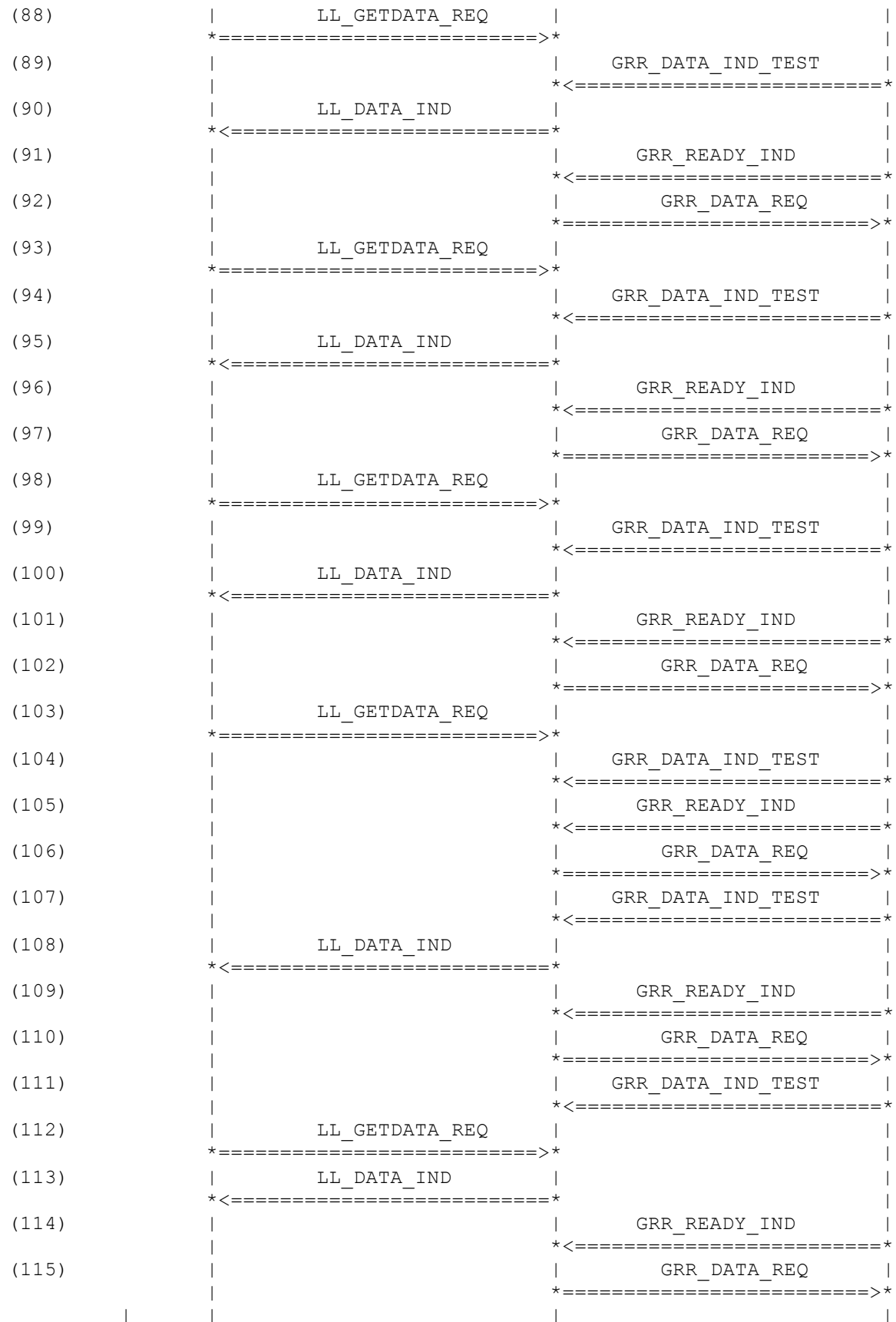
LLC000

|         | GMM | L3               | LLC               | RLC/MAC |
|---------|-----|------------------|-------------------|---------|
| COMMAND |     |                  |                   |         |
| (1)     |     | LLGMM_ASSIGN_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (2)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (3)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (4)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (5)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (6)     |     | LL_UNITREADY_IND |                   |         |
|         |     | *<=====*         |                   |         |
| (7)     |     | LL_ESTABLISH_REQ |                   |         |
|         |     | *=====>*         |                   |         |
| (8)     |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (9)     |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (10)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (11)    |     | LL_ESTABLISH_CNF |                   |         |
|         |     | *<=====*         |                   |         |
| (12)    |     | LL_READY_IND     |                   |         |
|         |     | *<=====*         |                   |         |
| (13)    |     | LL_GETDATA_REQ   |                   |         |
|         |     | *=====>*         |                   |         |
| (14)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (15)    |     | LL_DATA_IND      |                   |         |
|         |     | *<=====*         |                   |         |
| (16)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (17)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (18)    |     | LL_GETDATA_REQ   |                   |         |
|         |     | *=====>*         |                   |         |
| (19)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (20)    |     | LL_DATA_IND      |                   |         |
|         |     | *<=====*         |                   |         |
| (21)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (22)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (23)    |     | LL_GETDATA_REQ   |                   |         |
|         |     | *=====>*         |                   |         |
| (24)    |     |                  | GRR_DATA_IND_TEST |         |
|         |     |                  | *<=====*          |         |
| (25)    |     | LL_DATA_IND      |                   |         |
|         |     | *<=====*         |                   |         |
| (26)    |     |                  | GRR_READY_IND     |         |
|         |     |                  | *<=====*          |         |
| (27)    |     |                  | GRR_DATA_REQ      |         |
|         |     |                  | *=====>*          |         |
| (28)    |     | LL_GETDATA_REQ   |                   |         |
|         |     | *=====>*         |                   |         |

|      |  |                |                   |  |
|------|--|----------------|-------------------|--|
| (29) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (30) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (31) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (32) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (33) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (34) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (35) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (37) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (37) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (38) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (39) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (40) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (41) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (42) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (43) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (44) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (45) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (46) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (47) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (48) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (49) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (50) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (51) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (52) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (53) |  | LL_GETDATA_REQ |                   |  |
|      |  | *=====>        |                   |  |
| (54) |  |                | GRR_DATA_IND_TEST |  |
|      |  |                | *<=====           |  |
| (55) |  | LL_DATA_IND    |                   |  |
|      |  | *<=====        |                   |  |
| (56) |  |                | GRR_READY_IND     |  |
|      |  |                | *<=====           |  |
| (57) |  |                | GRR_DATA_REQ      |  |
|      |  |                | *=====>           |  |
| (58) |  | LL_GETDATA_REQ |                   |  |







Parametrization:

| Primitive              | Parameter  | Value   |
|------------------------|--|---|
| (1) LLGMM_ASSIGN_REQ   | old_tlli<br>new_tlli<br>llgmm_kc<br>ciphering_algorithm                    | LLGMM_TLLI_INVALID<br>TLLI_LOCAL_1<br>LLGMM_KC_NULL<br>LLGMM_CIPHER_NO_ALGORITHM  |
| (2) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_3<br>LL_TLLI_INVALID  |
| (3) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (4) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (5) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |
| (7) LL_ESTABLISH_REQ   | sapi<br>tlli<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |   |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKEQSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_N201_I520_SAPI3  |
| (11) LL_ESTABLISH_CNF  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>N201_I_520<br>LL_XID_VALID<br>EMPTY_SDU  |
| (12) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |

|                        |   |  |
|------------------------|---|--|
| (13) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (14) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS0_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (15) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N0A1_SAPI3 |
| (16) GRR_READY_IND     |   |  |
| (17) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR1_A0_SAPI3       |
| (18) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (19) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS1_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (20) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N1A1_SAPI3 |
| (21) GRR_READY_IND     |   |  |
| (22) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR2_A0_SAPI3       |

|                        |   |  |
|------------------------|---|--|
| (23) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (24) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS2_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (25) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N2A1_SAPI3 |
| (26) GRR_READY_IND     |   |  |
| (27) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR3_A0_SAPI3       |
| (28) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (29) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS3_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (30) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N3A1_SAPI3 |
| (31) GRR_READY_IND     |   |  |
| (32) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR4_A0_SAPI3       |

|                        |   |  |
|------------------------|---|--|
| (33) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (34) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS4_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (35) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N4A1_SAPI3 |
| (36) GRR_READY_IND     |   |  |
| (37) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR5_A0_SAPI3       |
| (38) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (39) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS5_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (40) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N5A1_SAPI3 |
| (41) GRR_READY_IND     |   |  |
| (42) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR6_A0_SAPI3       |

|                        |   |  |
|------------------------|---|--|
| (43) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (44) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS6_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (45) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N6A1_SAPI3 |
| (46) GRR_READY_IND     |   |  |
| (47) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR7_A0_SAPI3       |
| (48) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (49) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS7_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (50) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N7A1_SAPI3 |
| (51) GRR_READY_IND     |   |  |
| (52) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR8_A0_SAPI3       |

|                        |   |  |
|------------------------|---|--|
| (53) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (54) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS8_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (55) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N8A1_SAPI3 |
| (56) GRR_READY_IND     |   |  |
| (57) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR9_A0_SAPI3       |
| (58) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1  |
| (59) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS9_NR0_SDU100_A1_SAPI3   | TLLI_LOCAL_1   |
| (60) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N9A1_SAPI3 |
| (61) GRR_READY_IND     |   |  |
| (62) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR10_A0_SAPI3      |



|                        |   |   |
|------------------------|---|---|
| (63) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (64) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS10_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (65) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N10A1_SAPI3 |
| (66) GRR_READY_IND     |   |   |
| (67) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR11_A0_SAPI3       |
| (68) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (69) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS11_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (70) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N11A1_SAPI3 |
| (71) GRR_READY_IND     |   |   |
| (72) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR12_A0_SAPI3       |

|                        |   |   |
|------------------------|---|---|
| (73) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (74) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS12_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (75) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N12A1_SAPI3 |
| (76) GRR_READY_IND     |   |   |
| (77) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR13_A0_SAPI3       |
| (78) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (79) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS13_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (80) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N13A1_SAPI3 |
| (81) GRR_READY_IND     |   |   |
| (82) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR14_A0_SAPI3       |

|                        |   |   |
|------------------------|---|---|
| (83) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (84) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS14_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (85) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N14A1_SAPI3 |
| (86) GRR_READY_IND     |   |   |
| (87) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR15_A0_SAPI3       |
| (88) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (89) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS15_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (90) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N15A1_SAPI3 |
| (91) GRR_READY_IND     |   |   |
| (92) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR16_A0_SAPI3       |

|                        |   |   |
|------------------------|---|---|
| (93) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (94) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS16_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (95) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N16A1_SAPI3 |
| (96) GRR_READY_IND     |   |   |
| (97) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR17_A0_SAPI3       |
| (98) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (99) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS17_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (100) LL_DATA_IND      | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N17A1_SAPI3 |
| (101) GRR_READY_IND    |   |   |
| (102) GRR_DATA_REQ     | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR18_A0_SAPI3       |

|                         |   |   |
|-------------------------|---|---|
| (103) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (104) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS20_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (105) GRR_READY_IND     |   |   |
| (106) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_SACK_NR18_R2_SAPI3     |
| (107) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS18_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (108) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3<br>reserved_data_ind4<br>reserved_data_ind5<br>reserved_data_ind6<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLDATAIND_SDU100_N18A1_SAPI3 |
| (109) GRR_READY_IND     |   |   |
| (110) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_ACK_NR19_SAPI3         |
| (111) GRR_DATA_IND_TEST | tlli<br>sdu<br>GRRIND_NS19_NR0_SDU100_A1_SAPI3  | TLLI_LOCAL_1  |
| (112) LL_GETDATA_REQ    | sapi<br>tlli  | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (113) LL_DATA_IND       | sapi<br>tlli<br>reserved_data_ind1<br>reserved_data_ind2<br>reserved_data_ind3  | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>NOT_USED<br>NOT_USED   |

|                     |                    |                              |
|---------------------|--------------------|------------------------------|
|                     | reserved_data_ind4 | NOT_USED                     |
|                     | reserved_data_ind5 | NOT_USED                     |
|                     | reserved_data_ind6 | NOT_USED                     |
|                     | sdu                | LLDATAIND_SDU100_N19A1_SAPI3 |
| (114) GRR_READY_IND |                    |                              |
| (115) GRR_DATA_REQ  |                    |                              |
|                     | sapi               | LL_SAPI_3                    |
|                     | tlli               | TLLI_LOCAL_1                 |
|                     | grr_qos            | GRRREQ_QOS_PEAKEQSUB         |
|                     | radio_prio         | GRR_RADIO_PRIO_1             |
|                     | cause              | GRR_DTACS_DEF                |
|                     | reserved_data_req  | NOT_USED                     |
|                     | sdu                | GRRIND_RR_NR21_A0_SAPI3      |

## History:

|             |    |                      |
|-------------|----|----------------------|
| 04-Mar-2003 | UT | Initial              |
| 10-Apr-2003 | UT | LL_GETDATA_REQ added |

**3.19.8 LLC017: GCF390 – TC 46.1.2.2.4.3 Reestablishment due to reception of DM**

## Description:

After establishing a link, LLC receives the primitive LL\_DATA\_REQ from SMDCP. The I+S frame is send to GRR within the primitive GRR\_DATA\_REQ. This frame is acknowledged with RR. After sending the second frame to GRR and receiving RR, LLC sends a 3'rd frame and receives a DM with F=0 from the GRR. LLC responds with SABM. After the link is re-established, LLC resumes data transmission starting with NS=0.

## Preamble:

LLC010B

|      | GMM | L3               | LLC               | RLC/MAC |
|------|-----|------------------|-------------------|---------|
| (1)  |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (2)  |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (3)  |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (4)  |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (5)  |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (6)  |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (7)  |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (8)  |     | LL_DATA_CNF      |                   |         |
|      |     | *<=====*         |                   |         |
| (9)  |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (10) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (11) |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (12) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (13) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (14) |     | LL_DATA_CNF      |                   |         |
|      |     | *<=====*         |                   |         |
| (15) |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (16) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (17) |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (18) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (19) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (20) |     | LLGMM_STATUS_IND |                   |         |
|      |     | *<=====*         |                   |         |
| (21) |     |                  | GRR_READY_IND     |         |
|      |     |                  | *<=====*          |         |
| (22) |     |                  | GRR_DATA_REQ      |         |
|      |     |                  | *=====>*          |         |
| (23) |     |                  | GRR_DATA_IND_TEST |         |
|      |     |                  | *<=====*          |         |
| (24) |     | LL_ESTABLISH_IND |                   |         |
|      |     | *<=====*         |                   |         |
| (25) |     | LL_ESTABLISH_RES |                   |         |
|      |     | *=====>*         |                   |         |
| (26) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (27) |     | LL_DATA_REQ      |                   |         |
|      |     | *=====>*         |                   |         |
| (28) |     | LL_READY_IND     |                   |         |
|      |     | *<=====*         |                   |         |
| (29) |     |                  | GRR_READY_IND     |         |

|      |  |              |
|------|--|--------------|
| (30) |  | *<=====*     |
|      |  | GRR_DATA_REQ |
|      |  | *=====*>*    |
|      |  |              |

**Parametrization:**

| Primitive             | Parameter          | Value                            |
|-----------------------|--------------------|----------------------------------|
| (1) LL_DATA_REQ       | sapi               | LL_SAPI_9                        |
|                       | tlli               | TLLI_LOCAL_1                     |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5              |
|                       | radio_prio         | LL_RADIO_PRIO_3                  |
|                       | reserved_data_req1 | NOT_USED                         |
|                       | reference1         | NOT_USED                         |
|                       | seg_pos            | NOT_USED                         |
|                       | attached_counter   | LLC_NO_ATTACHE                   |
|                       | reserved_data_req4 | NOT_USED                         |
|                       | reserved_data_req5 | NOT_USED                         |
|                       | sdu                | LLREQ_SDU500                     |
| (2) LL_READY_IND      | sapi               | LL_SAPI_9                        |
|                       | tlli               | TLLI_LOCAL_1                     |
| (3) GRR_READY_IND     |                    |                                  |
| (4) GRR_DATA_REQ      | sapi               | LL_SAPI_9                        |
|                       | tlli               | TLLI_LOCAL_1                     |
|                       | grr_qos            | GRRREQ_QOS_PEAKEUB               |
|                       | radio_prio         | GRR_RADIO_PRIO_3                 |
|                       | cause              | GRR_DTACS_DEF                    |
|                       | reserved_data_req  | NOT_USED                         |
|                       | sdu                | GRR_DATAREQ_NS0_NR0_A1_500_SAPI9 |
| (5) LL_DATA_REQ       | sapi               | LL_SAPI_9                        |
|                       | tlli               | TLLI_LOCAL_1                     |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5              |
|                       | radio_prio         | LL_RADIO_PRIO_3                  |
|                       | reserved_data_req1 | NOT_USED                         |
|                       | reference1         | NOT_USED                         |
|                       | seg_pos            | NOT_USED                         |
|                       | attached_counter   | LLC_NO_ATTACHE                   |
|                       | reserved_data_req4 | NOT_USED                         |
|                       | reserved_data_req5 | NOT_USED                         |
|                       | sdu                | LLREQ_SDU500                     |
| (6) LL_READY_IND      | sapi               | LL_SAPI_9                        |
|                       | tlli               | TLLI_LOCAL_1                     |
| (7) GRR_DATA_IND_TEST | tlli               | TLLI_LOCAL_1                     |
|                       | sdu                | GRRIND_RR_NR1_A0_SAPI9           |



## (8) LL\_DATA\_CNF

|            |              |
|------------|--------------|
| sapi       | LL_SAPI_9    |
| tlli       | TLLI_LOCAL_1 |
| reference1 | NOT_USED     |

## (9) GRR\_READY\_IND

## (10) GRR\_DATA\_REQ

|                                  |                      |
|----------------------------------|----------------------|
| sapi                             | LL_SAPI_9            |
| tlli                             | TLLI_LOCAL_1         |
| grr_qos                          | GRRREQ_QOS_PEAKESSUB |
| radio_prio                       | GRR_RADIO_PRIO_3     |
| cause                            | GRR_DTACS_DEF        |
| reserved_data_req                | NOT_USED             |
| sdu                              |                      |
| GRR_DATAREQ_NS1_NR0_A1_500_SAPI9 |                      |

## (11) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |
| reference1         | NOT_USED            |
| seg_pos            | NOT_USED            |
| attached_counter   | LLC_NO_ATTACHE      |
| reserved_data_req4 | NOT_USED            |
| reserved_data_req5 | NOT_USED            |
| sdu                | LLREQ_SDU500        |

## (12) LL\_READY\_IND

|      |              |
|------|--------------|
| sapi | LL_SAPI_9    |
| tlli | TLLI_LOCAL_1 |

## (13) GRR\_DATA\_IND\_TEST

|      |                        |
|------|------------------------|
| tlli | TLLI_LOCAL_1           |
| sdu  | GRRIND_RR_NR2_A0_SAPI9 |

## (14) LL\_DATA\_CNF

|            |              |
|------------|--------------|
| sapi       | LL_SAPI_9    |
| tlli       | TLLI_LOCAL_1 |
| reference1 | NOT_USED     |

## (15) GRR\_READY\_IND

## (16) GRR\_DATA\_REQ

|                                  |                      |
|----------------------------------|----------------------|
| sapi                             | LL_SAPI_9            |
| tlli                             | TLLI_LOCAL_1         |
| grr_qos                          | GRRREQ_QOS_PEAKESSUB |
| radio_prio                       | GRR_RADIO_PRIO_3     |
| cause                            | GRR_DTACS_DEF        |
| reserved_data_req                | NOT_USED             |
| sdu                              |                      |
| GRR_DATAREQ_NS2_NR0_A1_500_SAPI9 |                      |

## (17) LL\_DATA\_REQ

|                    |                     |
|--------------------|---------------------|
| sapi               | LL_SAPI_9           |
| tlli               | TLLI_LOCAL_1        |
| ll_qos             | LLREQ_QOS_DEL4_REL5 |
| radio_prio         | LL_RADIO_PRIO_3     |
| reserved_data_req1 | NOT_USED            |

|                        |                                |                              |
|------------------------|--------------------------------|------------------------------|
|                        | reference1                     | NOT_USED                     |
|                        | seg_pos                        | NOT_USED                     |
|                        | attached_counter               | LLC_NO_ATTACHE               |
|                        | reserved_data_req4             | NOT_USED                     |
|                        | reserved_data_req5             | NOT_USED                     |
|                        | sdu                            | LLREQ_SDU500                 |
| (18) LL_READY_IND      |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
| (19) GRR_DATA_IND_TEST |                                |                              |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | sdu                            | SGSN_DM0_SAPI9               |
| (20) LLGMM_STATUS_IND  |                                |                              |
|                        | error_cause                    |                              |
|                        | LLGMM_ERRCS_DM0_RECEIVED_REEST |                              |
| (21) GRR_READY_IND     |                                |                              |
| (22) GRR_DATA_REQ      |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | grr_qos                        | GRRREQ_QOS_PEAKSUB           |
|                        | radio_prio                     | GRR_RADIO_PRIO_1             |
|                        | cause                          | GRR_DTACS_DEF                |
|                        | reserved_data_req              | NOT_USED                     |
|                        | sdu                            | MS_SABM_NOL3_N201I_520_SAPI9 |
| (23) GRR_DATA_IND_TEST |                                |                              |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | sdu                            | SGSN_UA1_NOXID_SAPI9         |
| (24) LL_ESTABLISH_IND  |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | n201_u                         | N201_U_400                   |
|                        | n201_i                         | N201_I_520                   |
|                        | xid_valid                      | LL_XID_INVALID               |
|                        | sdu                            | EMPTY_SDU                    |
| (25) LL_ESTABLISH_RES  |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | xid_valid                      | LL_XID_INVALID               |
|                        | sdu                            | EMPTY_SDU                    |
| (26) LL_READY_IND      |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
| (27) LL_DATA_REQ       |                                |                              |
|                        | sapi                           | LL_SAPI_9                    |
|                        | tlli                           | TLLI_LOCAL_1                 |
|                        | ll_qos                         | LLREQ_QOS_DEL4_REL5          |
|                        | radio_prio                     | LL_RADIO_PRIO_3              |
|                        | reserved_data_req1             | NOT_USED                     |
|                        | reference1                     | NOT_USED                     |
|                        | seg_pos                        | NOT_USED                     |
|                        | attached_counter               | LLC_NO_ATTACHE               |

|                    |                                  |                    |
|--------------------|----------------------------------|--------------------|
|                    | reserved_data_req4               | NOT_USED           |
|                    | reserved_data_req5               | NOT_USED           |
|                    | sdu                              | LLREQ_SDU500       |
| (28) LL_READY_IND  |                                  |                    |
|                    | sapi                             | LL_SAPI_9          |
|                    | tlli                             | TLLI_LOCAL_1       |
| (29) GRR_READY_IND |                                  |                    |
| (30) GRR_DATA_REQ  |                                  |                    |
|                    | sapi                             | LL_SAPI_9          |
|                    | tlli                             | TLLI_LOCAL_1       |
|                    | grr_qos                          | GRRREQ_QOS_PEAKSUB |
|                    | radio_prio                       | GRR_RADIO_PRIO_3   |
|                    | cause                            | GRR_DTACS_DEF      |
|                    | reserved_data_req                | NOT_USED           |
|                    | sdu                              |                    |
|                    | GRR_DATAREQ_NS0_NR0_A1_500_SAPI9 |                    |

## History:

|             |    |                    |
|-------------|----|--------------------|
| 04-Mar-2003 | UT | Initial            |
| 27-May-2003 | UT | LL_READY_IND added |

**3.19.9 LLC018: GCF390 – TC 46.1.2.4.1 Unsolicited DM**

## Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from Sndcp. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. The peer responds with UA : containing N201 below default, ABM is established.

## Preamble:

LLC000

|  | GMM | L3               | LLC               | RLC/MAC |
|--|-----|------------------|-------------------|---------|
| COMMAND (LLC CONFIG SAPI 3 N201_I 520) |     |                  |                   |         |
| (1)                                    |     | LLGMM_ASSIGN_REQ |                   |         |
|  |     | *=====>*         |                   |         |
| (2)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (3)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (4)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (5)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (6)                                    |     | LL_UNITREADY_IND |                   |         |
|  |     | *<=====*         |                   |         |
| (7)                                    |     | LL_ESTABLISH_REQ |                   |         |
|  |     | *=====>*         |                   |         |
| (8)                                    |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| (9)                                    |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (10)                                   |     |                  | GRR_DATA_IND_TEST |         |
|  |     |                  | *<=====*          |         |
| TIMEOUT (5000)                         |     |                  |                   |         |
| (11)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| (12)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
| (13)                                   |     |                  | GRR_DATA_IND_TEST |         |
|  |     |                  | *<=====*          |         |
| (14)                                   |     | LL_ESTABLISH_CNF |                   |         |
|  |     | *<=====*         |                   |         |
| (15)                                   |     | LL_READY_IND     |                   |         |
|  |     | *<=====*         |                   |         |
| (16)                                   |     | LL_GETDATA_REQ   |                   |         |
|  |     | *=====>*         |                   |         |
| (17)                                   |     |                  | GRR_DATA_IND_TEST |         |
|  |     |                  | *<=====*          |         |
| (18)                                   |     | LL_DATA_IND      |                   |         |
|  |     | *<=====*         |                   |         |
| (19)                                   |     |                  | GRR_READY_IND     |         |
|  |     |                  | *<=====*          |         |
| (20)                                   |     |                  | GRR_DATA_REQ      |         |
|  |     |                  | *=====>*          |         |
|  |     |                  |                   |         |

**Parametrization:**

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |
| (2) LL_UNITREADY_IND | sapi                | LL_SAPI_3                 |
|                      | tlli                | LL_TLLI_INVALID           |

|                        |  |   |
|------------------------|--|---|
| (3) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (4) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (5) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |
| (7) LL_ESTABLISH_REQ   | sapi<br>tlli<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |   |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_DM0_SAPI3  |
| (11) GRR_READY_IND     |  |   |
| (12) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
| (13) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_EMPTY_L3_XID_SAPI3   |
| (14) LL_ESTABLISH_CNF  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu                       | LL_SAPI_3<br>TLLI_LOCAL_1<br>NOT_USED<br>N201_I_520<br>LL_XID_VALID<br>EMPTY_SDU  |
| (15) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |

(16) LL\_GETDATA\_REQ

|      |              |
|------|--------------|
| sapi | LL_SAPI_3    |
| tlli | TLLI_LOCAL_1 |

(17) GRR\_DATA\_IND\_TEST

|      |                                |
|------|--------------------------------|
| tlli | TLLI_LOCAL_1                   |
| sdu  | GRRIND_NS0_NR0_SDU100_A1_SAPI3 |

(18) LL\_DATA\_IND

|                    |                             |
|--------------------|-----------------------------|
| sapi               | LL_SAPI_3                   |
| tlli               | TLLI_LOCAL_1                |
| reserved_data_ind1 | NOT_USED                    |
| reserved_data_ind2 | NOT_USED                    |
| reserved_data_ind3 | NOT_USED                    |
| reserved_data_ind4 | NOT_USED                    |
| reserved_data_ind5 | NOT_USED                    |
| reserved_data_ind6 | NOT_USED                    |
| sdu                | LLDATAIND_SDU100_N0A1_SAPI3 |

(19) GRR\_READY\_IND

(20) GRR\_DATA\_REQ

|                   |                        |
|-------------------|------------------------|
| sapi              | LL_SAPI_3              |
| tlli              | TLLI_LOCAL_1           |
| grr_qos           | GRRREQ_QOS_PEAKSUB     |
| radio_prio        | GRR_RADIO_PRIO_1       |
| cause             | GRR_DTACS_DEF          |
| reserved_data_req | NOT_USED               |
| sdu               | GRRIND_RR_NR1_A0_SAPI3 |

## History:

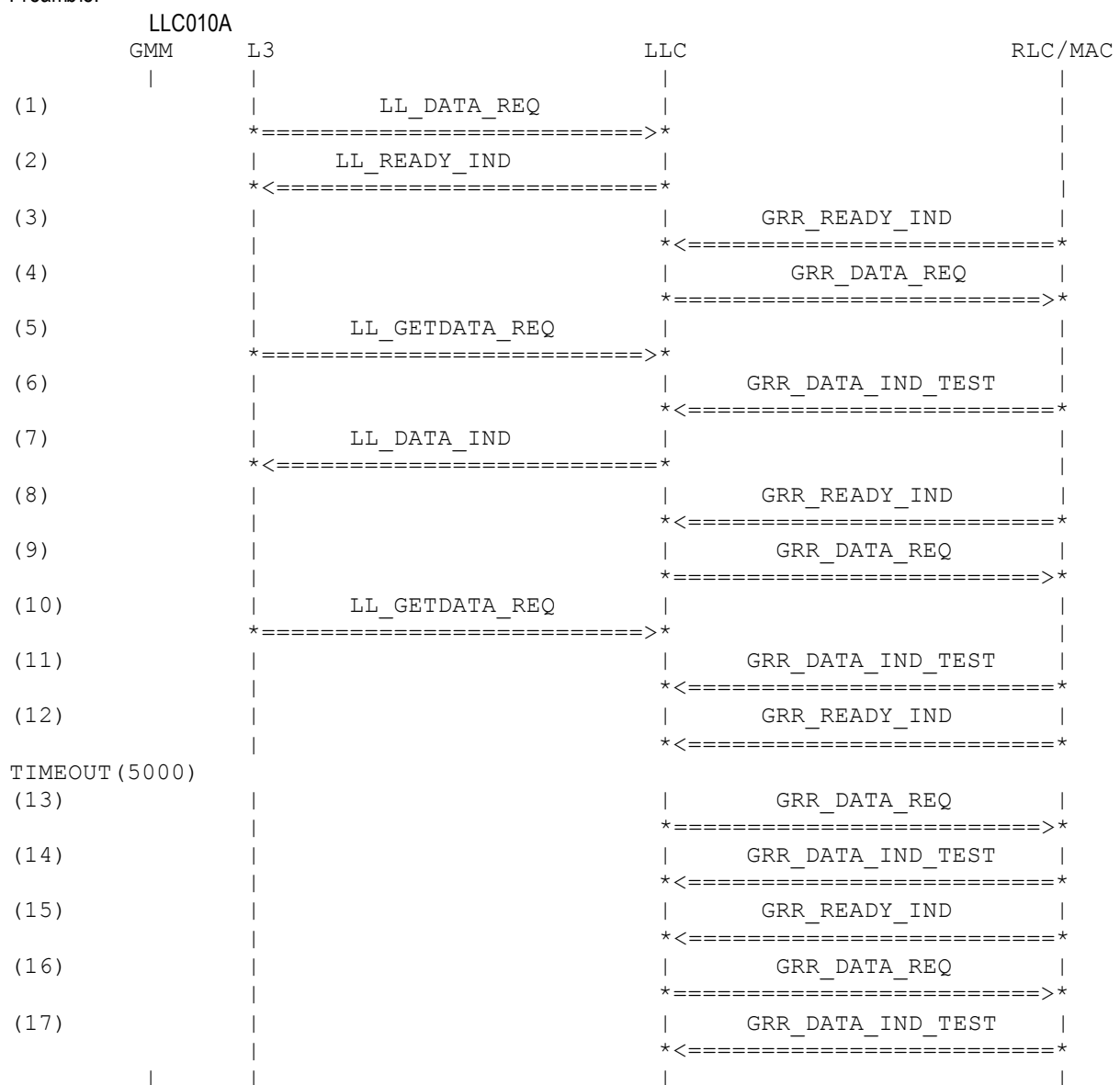
06-Mar-2003 UT

**3.19.10 LLC019: GCF390 – TC 46.1.2.2.3.2 MS handling busy condition during bi-directional data transfer**

## Description:

LLC sends 1 octet of data to the peer. LLC receives 1 I+S frame from the peer, containing one octet of data.  
 The received I+S frame is acknowledged with RR. After reception of RNR with NS=0, LLC sends a RR with NR=1.  
 LLC receives a RR with NR=0 from the peer indicating that the peer is ready to receive data.  
 LLC sends a combined I+S frame with 1 octet of data, NS=0 and NR=1. The peer responds with RR indicating that it received the frame.

## Preamble:



## Parametrization:

| Primitive | Parameter | Value |
|-----------|-----------|-------|
|-----------|-----------|-------|

(1) LL\_DATA\_REQ

|                       |                    |                                |
|-----------------------|--------------------|--------------------------------|
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | ll_qos             | LLREQ_QOS_DEL4_REL5            |
|                       | radio_prio         | LL_RADIO_PRIO_3                |
|                       | reserved_data_req1 | NOT_USED                       |
|                       | reference1         | NOT_USED                       |
|                       | seg_pos            | NOT_USED                       |
|                       | attached_counter   | LLC_NO_ATTACHE                 |
|                       | reserved_data_req4 | NOT_USED                       |
|                       | reserved_data_req5 | NOT_USED                       |
|                       | sdu                | LLREQ_SDU1                     |
| (2) LL_READY_IND      |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
| (3) GRR_READY_IND     |                    |                                |
| (4) GRR_DATA_REQ      |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | grr_qos            | GRRREQ_QOS_PEAKESSUB           |
|                       | radio_prio         | GRR_RADIO_PRIO_3               |
|                       | cause              | GRR_DTACS_DEF                  |
|                       | reserved_data_req  | NOT_USED                       |
|                       | sdu                | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |
| (5) LL_GETDATA_REQ    |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
| (6) GRR_DATA_IND_TEST |                    |                                |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | sdu                | GRRIND_NS0_NR0_A1_SDU1_SAPI3   |
| (7) LL_DATA_IND       |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | reserved_data_ind1 | NOT_USED                       |
|                       | reserved_data_ind2 | NOT_USED                       |
|                       | reserved_data_ind3 | NOT_USED                       |
|                       | reserved_data_ind4 | NOT_USED                       |
|                       | reserved_data_ind5 | NOT_USED                       |
|                       | reserved_data_ind6 | NOT_USED                       |
|                       | sdu                | LLDATAIND_1OCT_N0A1_SAPI3      |
| (8) GRR_READY_IND     |                    |                                |
| (9) GRR_DATA_REQ      |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |
|                       | grr_qos            | GRRREQ_QOS_PEAKESSUB           |
|                       | radio_prio         | GRR_RADIO_PRIO_1               |
|                       | cause              | GRR_DTACS_DEF                  |
|                       | reserved_data_req  | NOT_USED                       |
|                       | sdu                | GRRIND_RR_NR1_A0_SAPI3         |
| (10) LL_GETDATA_REQ   |                    |                                |
|                       | sapi               | LL_SAPI_3                      |
|                       | tlli               | TLLI_LOCAL_1                   |



|                        |  |  |
|------------------------|--|--|
| (11) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RNR_NR0_SAPI3   |
| (12) GRR_READY_IND     |  |  |
| (13) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu                                   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>GRRIND_RR_NR1_A1_SAPI3 |
| (14) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR0_A0_SAPI3   |
| (15) GRR_READY_IND     |  |  |
| (16) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu<br>GRR_DATAREQ_1OCT_NS0_NR1_SAPI3 | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF<br>NOT_USED                           |
| (17) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>GRRIND_RR_NR1_A0_SAPI3   |

History:

07-Mar-2003

UT

Initial

**3.19.11 LLC020: GCF390 – TC 46.1.2.2.1.4 Total loss of UA frame**

Description:

LLC receives the primitive LL\_ESTABLISH\_REQ from SMDCP. LLC is in state 'ADM' and thus ready to establish ABM mode of operation. LLC transmits the SABM command to its peer to establish ABM. T200 timeouts, LLC retransmits the SABM command. After N200 retransmissions the peer does not respond. LLGMM\_STATUS\_IND is send to GMM and LL\_RELEASE\_IND to SMDCP.

NOTE:

All T200 timer values are set to 5 seconds in simulation.

Preamble:

LLC000

Variants:

&lt;A&gt;....&lt;D&gt;

|                | GMM                             | L3               | LLC           | RLC/MAC |
|----------------|---------------------------------|------------------|---------------|---------|
|                |                                 |                  |               |         |
| COMMAND        | (LLC CONFIG SAPI 3 N201_I 520)  |                  |               |         |
| COMMAND        | (LLC CONFIG SAPI 5 N201_I 520)  |                  |               |         |
| COMMAND        | (LLC CONFIG SAPI 9 N201_I 520)  |                  |               |         |
| COMMAND        | (LLC CONFIG SAPI 11 N201_I 520) |                  |               |         |
| (1)            |                                 | LLGMM_ASSIGN_REQ |               |         |
|                |                                 | *=====>*         |               |         |
| (2)            |                                 | LL_UNITREADY_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (3)            |                                 | LL_UNITREADY_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (4)            |                                 | LL_UNITREADY_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (5)            |                                 | LL_UNITREADY_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (6)            |                                 | LL_UNITREADY_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (7)            |                                 | LL_ESTABLISH_REQ |               |         |
|                |                                 | *=====>*         |               |         |
| (8)            |                                 |                  | GRR_READY_IND |         |
|                |                                 |                  | *<=====*      |         |
| (9)            |                                 |                  | GRR_DATA_REQ  |         |
|                |                                 |                  | *=====>*      |         |
| (10)           |                                 |                  | GRR_READY_IND |         |
|                |                                 |                  | *<=====*      |         |
| TIMEOUT (5000) |                                 |                  |               |         |
| (11)           |                                 |                  | GRR_DATA_REQ  |         |
|                |                                 |                  | *=====>*      |         |
| (12)           |                                 |                  | GRR_READY_IND |         |
|                |                                 |                  | *<=====*      |         |
| TIMEOUT (5000) |                                 |                  |               |         |
| (13)           |                                 |                  | GRR_DATA_REQ  |         |
|                |                                 |                  | *=====>*      |         |
| (14)           |                                 |                  | GRR_READY_IND |         |
|                |                                 |                  | *<=====*      |         |
| TIMEOUT (5000) |                                 |                  |               |         |
| (15)           |                                 |                  | GRR_DATA_REQ  |         |
|                |                                 |                  | *=====>*      |         |
| (16)           |                                 |                  | GRR_READY_IND |         |
|                |                                 |                  | *<=====*      |         |
| TIMEOUT (5000) |                                 |                  |               |         |
| (17)           |                                 | LLGMM_STATUS_IND |               |         |
|                |                                 | *<=====*         |               |         |
| (18)           |                                 | LL_RELEASE_IND   |               |         |
|                |                                 | *<=====*         |               |         |
| MUTE (6000)    |                                 |                  |               |         |
|                |                                 |                  |               |         |

**Parametrization:**

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |

|                      |   |   |
|----------------------|---|---|
| (2) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_3<br>LL_TLLI_INVALID  |
| (3) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (4) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (5) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (6) LL_UNITREADY_IND | sapi<br>tlli  | LL_SAPI_11<br>LL_TLLI_INVALID   |
| (7) LL_ESTABLISH_REQ |   |   |
| <A>                  | sapi  | LL_SAPI_3   |
| <B>                  | sapi  | LL_SAPI_5   |
| <C>                  | sapi  | LL_SAPI_9   |
| <D>                  | sapi<br>tlli<br>sdu   | LL_SAPI_11<br>TLLI_LOCAL_1<br>EMPTY_SDU   |
| (8) GRR_READY_IND    |   |   |
| (9) GRR_DATA_REQ     |   |   |
| <A>                  | sapi  | LL_SAPI_3   |
| <B>                  | sapi  | LL_SAPI_5   |
| <C>                  | sapi  | LL_SAPI_9   |
| <D>                  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| <A>                  | sdu   | MS_SABM_N201I_520_SAPI3   |
| <B>                  | sdu   | MS_SABM_N201I_520_SAPI5   |
| <C>                  | sdu   | MS_SABM_N201I_520_SAPI9   |
| <D>                  | sdu   | MS_SABM_N201I_520_SAPI11  |
| (10) GRR_READY_IND   |   |   |
| (11) GRR_DATA_REQ    |   |   |
| <A>                  | sapi  | LL_SAPI_3   |
| <B>                  | sapi  | LL_SAPI_5   |
| <C>                  | sapi  | LL_SAPI_9   |
| <D>                  | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req | LL_SAPI_11<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED |
| <A>                  | sdu   | MS_SABM_N201I_520_SAPI3   |
| <B>                  | sdu   | MS_SABM_N201I_520_SAPI5   |
| <C>                  | sdu   | MS_SABM_N201I_520_SAPI9   |
| <D>                  | sdu   | MS_SABM_N201I_520_SAPI11  |
| (12) GRR_READY_IND   |   |   |

## (13) GRR\_DATA\_REQ

|     |                   |                          |
|-----|-------------------|--------------------------|
| <A> | sapi              | LL_SAPI_3                |
| <B> | sapi              | LL_SAPI_5                |
| <C> | sapi              | LL_SAPI_9                |
| <D> | sapi              | LL_SAPI_11               |
|     | tlli              | TLLI_LOCAL_1             |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB     |
|     | radio_prio        | GRR_RADIO_PRIO_1         |
|     | cause             | GRR_DTACS_DEF            |
|     | reserved_data_req | NOT_USED                 |
| <A> | sdu               | MS_SABM_N201I_520_SAPI3  |
| <B> | sdu               | MS_SABM_N201I_520_SAPI5  |
| <C> | sdu               | MS_SABM_N201I_520_SAPI9  |
| <D> | sdu               | MS_SABM_N201I_520_SAPI11 |

## (14) GRR\_READY\_IND

## (15) GRR\_DATA\_REQ

|     |                   |                          |
|-----|-------------------|--------------------------|
| <A> | sapi              | LL_SAPI_3                |
| <B> | sapi              | LL_SAPI_5                |
| <C> | sapi              | LL_SAPI_9                |
| <D> | sapi              | LL_SAPI_11               |
|     | tlli              | TLLI_LOCAL_1             |
|     | grr_qos           | GRRREQ_QOS_PEAKEQSUB     |
|     | radio_prio        | GRR_RADIO_PRIO_1         |
|     | cause             | GRR_DTACS_DEF            |
|     | reserved_data_req | NOT_USED                 |
| <A> | sdu               | MS_SABM_N201I_520_SAPI3  |
| <B> | sdu               | MS_SABM_N201I_520_SAPI5  |
| <C> | sdu               | MS_SABM_N201I_520_SAPI9  |
| <D> | sdu               | MS_SABM_N201I_520_SAPI11 |

## (16) GRR\_READY\_IND

## (17) LLGMM\_STATUS\_IND

error\_cause  
LLGMM\_ERRCS\_SABM\_NO\_PEER\_RES

## (18) LL\_RELEASE\_IND

|     |       |                      |
|-----|-------|----------------------|
| <A> | sapi  | LL_SAPI_3            |
| <B> | sapi  | LL_SAPI_5            |
| <C> | sapi  | LL_SAPI_9            |
| <D> | sapi  | LL_SAPI_11           |
|     | tlli  | TLLI_LOCAL_1         |
|     | cause | LL_RELCS_NO_PEER_RES |

History:

07-Mar-2003

UT

Initial

**3.19.12 LLC021: GCF390 – TC 46.1.2.3.1 Collision of SABM**

Description:

Initiate link establishment from SNDCP by sending the primitive LL\_ESTABLISH\_REQ. An SABM with Layer-3 xid parameter present, is send to the peer. Upon reception of SABM from the peer with Layer-3 Parameters present, LLC ignores the SABM sent by the peer. After T200 seconds LLC resends the SABM. The peer responds with a UA. After ABM establishment 1 octet of data is send to the peer wich is acknowledged with RR.

## Preamble:

LLC000

|                | GMM | L3               | LLC               | RLC/MAC |
|----------------|-----|------------------|-------------------|---------|
| COMMAND        |     |                  |                   |         |
| (1)            |     | LLGMM_ASSIGN_REQ |                   |         |
|                |     | *=====>*         |                   |         |
| (2)            |     | LL_UNITREADY_IND |                   |         |
|                |     | *<=====*         |                   |         |
| (3)            |     | LL_UNITREADY_IND |                   |         |
|                |     | *<=====*         |                   |         |
| (4)            |     | LL_UNITREADY_IND |                   |         |
|                |     | *<=====*         |                   |         |
| (5)            |     | LL_UNITREADY_IND |                   |         |
|                |     | *<=====*         |                   |         |
| (6)            |     | LL_UNITREADY_IND |                   |         |
|                |     | *<=====*         |                   |         |
| (7)            |     | LL_ESTABLISH_REQ |                   |         |
|                |     | *=====>*         |                   |         |
| (8)            |     |                  | GRR_READY_IND     |         |
|                |     |                  | *<=====*          |         |
| (9)            |     |                  | GRR_DATA_REQ      |         |
|                |     |                  | *=====>*          |         |
| (10)           |     |                  | GRR_DATA_IND_TEST |         |
|                |     |                  | *<=====*          |         |
| TIMEOUT (5000) |     |                  |                   |         |
| (11)           |     |                  | GRR_READY_IND     |         |
|                |     |                  | *<=====*          |         |
| (12)           |     |                  | GRR_DATA_REQ      |         |
|                |     |                  | *=====>*          |         |
| (13)           |     |                  | GRR_DATA_IND_TEST |         |
|                |     |                  | *<=====*          |         |
| (14)           |     | LL_ESTABLISH_CNF |                   |         |
|                |     | *<=====*         |                   |         |
| (15)           |     | LL_READY_IND     |                   |         |
|                |     | *<=====*         |                   |         |
| (16)           |     | LL_DATA_REQ      |                   |         |
|                |     | *=====>*         |                   |         |
| (17)           |     | LL_READY_IND     |                   |         |
|                |     | *<=====*         |                   |         |
| (18)           |     |                  | GRR_READY_IND     |         |
|                |     |                  | *<=====*          |         |
| (19)           |     |                  | GRR_DATA_REQ      |         |
|                |     |                  | *=====>*          |         |
| (20)           |     |                  | GRR_DATA_IND_TEST |         |
|                |     |                  | *<=====*          |         |

## Parametrization:

| Primitive            | Parameter           | Value                     |
|----------------------|---------------------|---------------------------|
| (1) LLGMM_ASSIGN_REQ | old_tlli            | LLGMM_TLLI_INVALID        |
|                      | new_tlli            | TLLI_LOCAL_1              |
|                      | llgmm_kc            | LLGMM_KC_NULL             |
|                      | ciphering_algorithm | LLGMM_CIPHER_NO_ALGORITHM |

|                        |  |   |
|------------------------|--|---|
| (2) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_3<br>LL_TLLI_INVALID  |
| (3) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_5<br>LL_TLLI_INVALID  |
| (4) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_7<br>LL_TLLI_INVALID  |
| (5) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_9<br>LL_TLLI_INVALID  |
| (6) LL_UNITREADY_IND   | sapi<br>tlli   | LL_SAPI_11<br>LL_TLLI_INVALID   |
| (7) LL_ESTABLISH_REQ   | sapi<br>tlli<br>sdu  | LL_SAPI_3<br>TLLI_LOCAL_1<br>EMPTY_SDU  |
| (8) GRR_READY_IND      |  |   |
| (9) GRR_DATA_REQ       | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
| (10) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1  |
|                        | SGSN_SABM_L30_N201I_520_XID_SAPI3  |   |
| (11) GRR_READY_IND     |  |   |
| (12) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKESSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_N201I_520_SAPI3 |
| (13) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_N201U_400_SAPI3  |
| (14) LL_ESTABLISH_CNF  | sapi<br>tlli<br>n201_u<br>n201_i   | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_520   |

|                        |                    |                                |
|------------------------|--------------------|--------------------------------|
|                        | xid_valid          | LL_XID_VALID                   |
|                        | sdu                | EMPTY_SDU                      |
| (15) LL_READY_IND      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
| (16) LL_DATA_REQ       |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | ll_qos             | LLREQ_QOS_DEL4_REL5            |
|                        | radio_prio         | LL_RADIO_PRIO_3                |
|                        | reserved_data_req1 | NOT_USED                       |
|                        | reference1         | NOT_USED                       |
|                        | seg_pos            | NOT_USED                       |
|                        | attached_counter   | LLC_NO_ATTACHE                 |
|                        | reserved_data_req4 | NOT_USED                       |
|                        | reserved_data_req5 | NOT_USED                       |
|                        | sdu                | LLREQ_SDU1                     |
| (17) LL_READY_IND      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
| (18) GRR_READY_IND     |                    |                                |
| (19) GRR_DATA_REQ      |                    |                                |
|                        | sapi               | LL_SAPI_3                      |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | grr_qos            | GRRREQ_QOS_PEAKSUB             |
|                        | radio_prio         | GRR_RADIO_PRIO_3               |
|                        | cause              | GRR_DTACS_DEF                  |
|                        | reserved_data_req  | NOT_USED                       |
|                        | sdu                | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |
| (20) GRR_DATA_IND_TEST |                    |                                |
|                        | tlli               | TLLI_LOCAL_1                   |
|                        | sdu                | GRRIND_RR_NR1_A0_SAPI3         |

History:

10-Mar-2003 UT

**3.19.13 LLC022: GCF390 – TC 46.1.2.2.4.2 Reestablishment due to N200 failures of I+S data transfer**

Description:

T201 expires N200 times while LLC was waiting for a frame acknowledge. Finally LLC initiate a re-establishment of the connection and sends an SABM command. A status indication including the re-establish cause is send to GMM. After receiving the UA the re-establish is indicated to L3. After receiving the response LLC is back in ABM.

Preamble:

LLC010A

|                | GMM      | L3               | LLC               | RLC/MAC |
|----------------|----------|------------------|-------------------|---------|
| (1)            |          | LL_DATA_REQ      |                   |         |
|                |          | *=====>*         |                   |         |
| (2)            |          | LL_READY_IND     |                   |         |
|                |          | *<=====*         |                   |         |
| (3)            |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| (4)            |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (5)            |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| TIMEOUT (5000) |          |                  |                   |         |
| (6)            |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (7)            |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| TIMEOUT (5000) |          |                  |                   |         |
| (8)            |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (9)            |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| TIMEOUT (5000) |          |                  |                   |         |
| (10)           |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (11)           |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| TIMEOUT (5000) |          |                  |                   |         |
| (12)           |          | LLGMM_STATUS_IND |                   |         |
|                | *<=====* |                  |                   |         |
| (13)           |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (14)           |          |                  | GRR_DATA_IND_TEST |         |
|                |          |                  | *<=====*          |         |
| (15)           |          | LL_ESTABLISH_IND |                   |         |
|                |          | *<=====*         |                   |         |
| (16)           |          | LL_ESTABLISH_RES |                   |         |
|                |          | *=====>*         |                   |         |
| (17)           |          | LL_READY_IND     |                   |         |
|                |          | *<=====*         |                   |         |
| (18)           |          | LL_DATA_REQ      |                   |         |
|                |          | *=====>*         |                   |         |
| (19)           |          | LL_READY_IND     |                   |         |
|                |          | *<=====*         |                   |         |
| (20)           |          |                  | GRR_READY_IND     |         |
|                |          |                  | *<=====*          |         |
| (21)           |          |                  | GRR_DATA_REQ      |         |
|                |          |                  | *=====>*          |         |
| (22)           |          |                  | GRR_DATA_IND_TEST |         |
|                |          |                  | *<=====*          |         |
|                |          |                  |                   |         |

**Parametrization:**

| Primitive       | Parameter | Value        |
|-----------------|-----------|--------------|
| (1) LL_DATA_REQ | sapi      | LL_SAPI_3    |
|                 | tlli      | TLLI_LOCAL_1 |



|                    |                                |                      |
|--------------------|--------------------------------|----------------------|
|                    | ll_qos                         | LLREQ_QOS_DEL4_REL5  |
|                    | radio_prio                     | LL_RADIO_PRIO_3      |
|                    | reserved_data_req1             | NOT_USED             |
|                    | reference1                     | NOT_USED             |
|                    | seg_pos                        | NOT_USED             |
|                    | attached_counter               | LLC_NO_ATTACHE       |
|                    | reserved_data_req4             | NOT_USED             |
|                    | reserved_data_req5             | NOT_USED             |
|                    | sdu                            | LLREQ_SDU1           |
| (2) LL_READY_IND   |                                |                      |
|                    | sapi                           | LL_SAPI_3            |
|                    | tlli                           | TLLI_LOCAL_1         |
| (3) GRR_READY_IND  |                                |                      |
| (4) GRR_DATA_REQ   |                                |                      |
|                    | sapi                           | LL_SAPI_3            |
|                    | tlli                           | TLLI_LOCAL_1         |
|                    | grr_qos                        | GRRREQ_QOS_PEAKESSUB |
|                    | radio_prio                     | GRR_RADIO_PRIO_3     |
|                    | cause                          | GRR_DTACS_DEF        |
|                    | reserved_data_req              | NOT_USED             |
|                    | sdu                            |                      |
|                    | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                      |
| (5) GRR_READY_IND  |                                |                      |
| (6) GRR_DATA_REQ   |                                |                      |
|                    | sapi                           | LL_SAPI_3            |
|                    | tlli                           | TLLI_LOCAL_1         |
|                    | grr_qos                        | GRRREQ_QOS_PEAKESSUB |
|                    | radio_prio                     | GRR_RADIO_PRIO_3     |
|                    | cause                          | GRR_DTACS_DEF        |
|                    | reserved_data_req              | NOT_USED             |
|                    | sdu                            |                      |
|                    | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                      |
| (7) GRR_READY_IND  |                                |                      |
| (8) GRR_DATA_REQ   |                                |                      |
|                    | sapi                           | LL_SAPI_3            |
|                    | tlli                           | TLLI_LOCAL_1         |
|                    | grr_qos                        | GRRREQ_QOS_PEAKESSUB |
|                    | radio_prio                     | GRR_RADIO_PRIO_3     |
|                    | cause                          | GRR_DTACS_DEF        |
|                    | reserved_data_req              | NOT_USED             |
|                    | sdu                            |                      |
|                    | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                      |
| (9) GRR_READY_IND  |                                |                      |
| (10) GRR_DATA_REQ  |                                |                      |
|                    | sapi                           | LL_SAPI_3            |
|                    | tlli                           | TLLI_LOCAL_1         |
|                    | grr_qos                        | GRRREQ_QOS_PEAKESSUB |
|                    | radio_prio                     | GRR_RADIO_PRIO_3     |
|                    | cause                          | GRR_DTACS_DEF        |
|                    | reserved_data_req              | NOT_USED             |
|                    | sdu                            |                      |
|                    | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                      |
| (11) GRR_READY_IND |                                |                      |

|                        |  |   |
|------------------------|--|---|
| (12) LLGMM_STATUS_IND  | error_cause<br>LLGMM_ERRCS_ACK_NO_PEER_RES_REEST   |   |
| (13) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause<br>reserved_data_req<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_1<br>GRR_DTACS_DEF<br>NOT_USED<br>MS_SABM_NOL3_N201I_520_SAPI3                                |
| (14) GRR_DATA_IND_TEST | tlli<br>sdu  | TLLI_LOCAL_1<br>SGSN_UA1_NOL3_N201_I520_SAPI3   |
| (15) LL_ESTABLISH_IND  | sapi<br>tlli<br>n201_u<br>n201_i<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>N201_U_400<br>N201_I_520<br>LL_XID_INVALID<br>EMPTY_SDU  |
| (16) LL_ESTABLISH_RES  | sapi<br>tlli<br>xid_valid<br>sdu   | LL_SAPI_3<br>TLLI_LOCAL_1<br>LL_XID_INVALID<br>EMPTY_SDU  |
| (17) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (18) LL_DATA_REQ       | sapi<br>tlli<br>ll_qos<br>radio_prio<br>reserved_data_req1<br>reference1<br>seg_pos<br>attached_counter<br>reserved_data_req4<br>reserved_data_req5<br>sdu | LL_SAPI_3<br>TLLI_LOCAL_1<br>LLREQ_QOS_DEL4_REL5<br>LL_RADIO_PRIO_3<br>NOT_USED<br>NOT_USED<br>NOT_USED<br>LLC_NO_ATTACHE<br>NOT_USED<br>NOT_USED<br>LLREQ_SDU1 |
| (19) LL_READY_IND      | sapi<br>tlli   | LL_SAPI_3<br>TLLI_LOCAL_1   |
| (20) GRR_READY_IND     |  |   |
| (21) GRR_DATA_REQ      | sapi<br>tlli<br>grr_qos<br>radio_prio<br>cause   | LL_SAPI_3<br>TLLI_LOCAL_1<br>GRRREQ_QOS_PEAKSUB<br>GRR_RADIO_PRIO_3<br>GRR_DTACS_DEF  |

|                        |             |    |          |                                |                        |
|------------------------|-------------|----|----------|--------------------------------|------------------------|
|                        |             |    |          | reserved_data_req              | NOT_USED               |
|                        |             |    |          | sdu                            |                        |
|                        |             |    |          | GRR_DATAREQ_1OCT_NS0_NR0_SAPI3 |                        |
| (22) GRR_DATA_IND_TEST |             |    |          |                                |                        |
|                        |             |    |          | tlli                           | TLLI_LOCAL_1           |
|                        |             |    |          | sdu                            | GRRIND_RR_NR1_A0_SAPI3 |
| History:               |             |    |          |                                |                        |
|                        | 11-Mar-2003 | UT | Initial. |                                |                        |