G23-GSM Protocol Stack

ACI SS

Entity Test Specification

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[2] ITU-T Recommendation T.30; Series T: Terminal equipments and protocols for telematic services;
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telephone network;
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[3] ITU-T Recommendation T.31; Terminals for telematic services;
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[5] Rec. T.35; Terminal equipment and protocols for telematic services;
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[6] ITU-T Recommendation V.25 ter; Series V: data communication over the telephone network;
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[8] Rec. V.110 (Blue book, Vol. VIII, Fascicle VIII.1) Support of data terminal equipments (DTEs) with V-series
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[13] European digital cellular telecommunications system (Phase 2);
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Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
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8411.100.98.100; Condat GmbH

[27] Service Access Point RLP
8411.101.98.100; Condat GmbH

[28] Service Access Point L2R
8411.102.98.100; Condat GmbH

[29] Service Access Point FAD
8411.103.98.100; Condat GmbH

[30] Service Access Point T30
8411.104.98.100; Condat GmbH

[31] Service Access Point ACI
8411.105.98.100; Condat GmbH

[32] Message Sequence Charts RLP
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[33] Message Sequence Charts L2R
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[34] Message Sequence Charts FAD
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[40] Test Specification FAD
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[41] Test Specification T30
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[42] Test Specification ACI
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[43] SDL Specification RLP
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[44] SDL Specification L2R
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[45] SDL Specification FAD
8411.503.98.100; Condat GmbH
[46] SDL Specification T30
8411.504.98.100; Condat GmbH
[47] SDL Specification ACI
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[48] Technical Documentation RLP
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[49] Technical Documentation L2R
8411.702.98.100; Condat GmbH
[50] Technical Documentation FAD
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[51] Technical Documentation T30
8411.704.98.100; Condat GmbH
[52] Technical Documentation ACI
8411.705.98.100; Condat GmbH

0.3 Abbreviations

ACI	AT Command Interpreter
AGCH	Access Grant Channel
AT	Attention sequence "AT" to indicate valid commands of the ACI
BCCH	Broadcast Control Channel
BCS	Binary Coded Signals
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
CKSN	Ciphering Key Sequence Number
CRC	Cyclic Redundancy Check
DCCH	Dedicated Control Channel
DISC	Disconnect Frame
DL	Data Link Layer
DM	Disconnected Mode Frame
DTX	Discontinuous Transmission
EA	Extension Bit Address Field
EL	Extension Bit Length Field
EMMI	Electrical Man Machine Interface
EOL	End Of Line
F	Final Bit
F&D	Fax and Data Protocol Stack
FACCH	Fast Associated Control Channel
FHO	Forced Handover
GP	Guard Period
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
ITU	International Telecommunication Union
IWF	Interworking Function
Kc	Authentication Key
L	Length Indicator
LAI	Location Area Information
LISR	Low level Interrupt Service Routine
LPD	Link Protocol Discriminator
M	More Data Bit
MCC	Mobile Country Code
MM	Mobility Management
MMI	Man Machine Interface

MNC	Mobile Network Code
MS	Mobile Station
MSG	Message phase in the GSM 3.45 protocol
N(R)	Receive Number
N(S)	Send Number
NCC	National Colour Code
NECI	New Establishment Causes included
OTD	Observed Time Difference
P	Poll Bit
P/F	Poll/Final Bit
PCH	Paging Channel
PCO	Point of Control and Observation
PDU	Protocol Description Unit
PL	Physical Layer
PLMN	Public Land Mobile Network
RACH	Random Access Channel
REJ	Reject Frame
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	Slow Dedicated Control Channel
SIM	Subscriber Identity Module
SMS	Short Message Service
SMSCB	Short Message Service Cell Broadcast
SS	Supplementary Services
T.4	CCITT Standardisation for Document coding of Group 3 Facsimile Apparatus
TAP	Test Application Program
TCH	Traffic Channel
TCH/F	Traffic Channel Full Rate
TCH/H	Traffic Channel Half Rate
TDMA	Time Division Multiple Access
TE	Terminal Equipment - e. g. a PC
TMSI	Temporary Mobile Subscriber Identity
UA	Unnumbered Acknowledgement Frame
UI	Unnumbered Information Frame
V(A)	Acknowledgement State Variable
V(R)	Receive State Variable
V(S)	Send State Variable
VPLMN	Visiting 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 fax and data transmission consists of several entities. Each entity has one ore more service access points, over which the entity provides a service for the upper entity. The entity, which is described in this document, is coloured grey in the following figure :

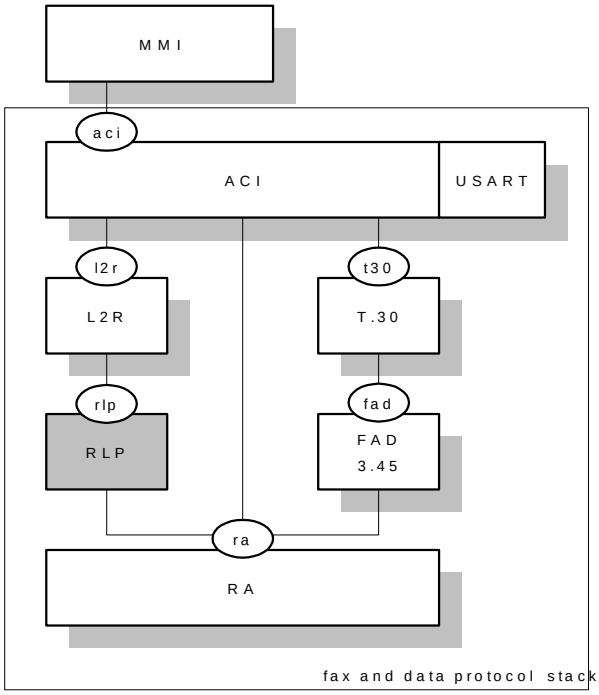

Figure 1-1: Architecture of the fax and data protocol stack

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 fax and data protocol stack are:

1.1 RA - Rate Adaptation

This entity performs an adaptation between an asynchronous or synchronous data stream with several bit rates on to the fixed bit rate used at the TCH. This is performed by the rate adaptation functions RA1' and RA0 described in GSM 04.21.

1.2 RLP - Radio Link Protocol

This entity provides a Layer 2 protocol for asynchronous reliable data transfer as specified in GSM 04.22. It includes error correction, sequence numbers and a mechanism for repeating corrupted and lost messages.

1.3 L2R - Layer 2 Relay Functionality

The L2R provides relay functions in order to adapt the character-oriented data received from the TE via USART to the bit-oriented RLP protocol.

1.4 FAD 03.45 - Fax Adaptation Protocol

The fax adaptation protocol, as specified in GSM 03.45, provides synchronisation with the BCS and MSG modems of the peer entity. It uses byte repetition in conjunction with a voting algorithm to handle corruption on the TCH data stream. The non-transparent fax protocol in accordance with GSM 03.46 is not part of this implementation.

The fax adapter enables T.30 to send BCS at 300 BPS and T.4 MSG in 2400, 4800, 7200 and 9600 BPS.

1.5 T.30 - Fax Protocol Entity

The protocol uses binary coded signals packed in HDLC frames to set up and release a connection in the message phase of the FAX transmission. This entity is specified in the ITU-T.30. The main tasks of this unit are:

- Building the HDLC frames with CRC.
- Performing bit stuffing/de-stuffing.
- Executing a sequence of 5 phases: 1.) set up, 2.) pre-message procedures, 3.) transmission/reception, 4.) post message procedures, 5.) waiting for call release.

1.6 ACI - AT Command Interpreter

The ACI is specified in GSM 07.07. It is responsible for call establishment via the GSM voice protocol stack and terminal adaptation for asynchronous transparent character-oriented data transmission. The ACI is able to receive AT commands and send the replies over the USART driver to a remote PC. This makes it possible to control the voice and data protocol stack from a remote application running on a PC. The ACI also provides a unique interface for an internal MMI in the MS.

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 F&D. The driver has to be able to perform flow control.

2 Parameters

```
/*---------------------------------- array declarations ----------------------------------*/
DECLARATION (F_ICC)
DECLARATION (F_CUR_PIN)
DECLARATION (F_NEW_PIN)
DECLARATION (F_PUK)
DECLARATION (F_STK_PRF)
DECLARATION ( A_CLG_NUM )
DECLARATION ( A_CLD_NUM )
DECLARATION ( A_CLD_NUM_B )
DECLARATION ( A_CLD_NUM_NINT )
DECLARATION ( A_CLD_NUM_MDFY )
DECLARATION ( A_CLD_NUM_INT )
DECLARATION ( A_CLD_NUM_ECC )
DECLARATION ( A_CLD_SUB_MDFY )
DECLARATION ( A_SS_VER_1 )
DECLARATION ( A_SS_VER_1_CONTENT )
DECLARATION ( A_SS_VER_2 )
DECLARATION ( A_SS_VER_2_CONTENT )
DECLARATION ( A_FAC_AOC )
DECLARATION ( A_FAC_AOC_CONTENT )
DECLARATION ( A_FAC_CLIP_IRGT )
DECLARATION ( A_FAC_CLIP_IRGT_CONTENT )
DECLARATION ( A_FAC_CLIR_IRGT )
DECLARATION ( A_FAC_CLIR_IRGT_CONTENT )
DECLARATION ( A_FAC_COLP_IRGT )
DECLARATION ( A_FAC_COLP_IRGT_CONTENT )
DECLARATION ( A_FAC_COLR_IRGT )
DECLARATION ( A_FAC_COLR_IRGT_CONTENT )
DECLARATION ( A_FAC_CCWA_IRGT )
DECLARATION ( A_FAC_CCWA_IRGT_CONTENT )
DECLARATION ( A_FAC_CCWA_ACT_V )
DECLARATION ( A_FAC_CCWA_ACT_V_CONTENT )
DECLARATION ( A_FAC_CCWA_ACT_V_RES )
DECLARATION ( A_FAC_CCWA_ACT_V_RES_CONTENT )
DECLARATION ( A_FAC_CCWA_ACT_V_RES2 )
DECLARATION ( A_FAC_CCWA_ACT_V_RES2_CONTENT )
DECLARATION ( A_FAC_CCWA_DEACT_VF )
DECLARATION ( A_FAC_CCWA_DEACT_VF_CONTENT )
DECLARATION ( A_FAC_CCWA_DEACT_VF_RES )
DECLARATION ( A_FAC_CCWA_DEACT_VF_RES_CONTENT )
DECLARATION ( A_FAC_CCWA_DEACT_VF_ERR_RES )
DECLARATION ( A_FAC_CCWA_DEACT_VF_ERR_RES_CONTENT )
DECLARATION ( A_FAC_CCWA_DEACT_D )
DECLARATION ( A_FAC_CCWA_DEACT_D_CONTENT )
DECLARATION ( A_FAC_CCWA_DEACT_D_RES )
DECLARATION ( A_FAC_CCWA_DEACT_D_RES_CONTENT )
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DECLARATION ( A_FAC_CCWA_ACT_D_CONTENT )
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DECLARATION ( A_FAC_CCWA_ACT_D_RES_CONTENT )
DECLARATION ( A_FAC_CCWA_IRGT_RES )
DECLARATION ( A_FAC_CCWA_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_CCWA_IRGT_RES2 )
DECLARATION ( A_FAC_CCWA_IRGT_RES_CONTENT2 )
DECLARATION ( A_FAC_CCFC_CFU_IRGT )
```

DECLARATION (A_FAC_CCFC_CFU_IRGT_CONTENT)
DECLARATION (A_FAC_CCFC_CFB_IRGT)
DECLARATION (A_FAC_CCFC_CFB_IRGT_CONTENT)
DECLARATION (A_FAC_CCFC_CFNRY_IRGT)
DECLARATION (A_FAC_CCFC_CFNRY_IRGT_CONTENT)
DECLARATION (A_FAC_CCFC_CFNRC_IRGT)
DECLARATION (A_FAC_CCFC_CFNRC_IRGT_CONTENT)
DECLARATION (A_FAC_CLIP_IRGT_RES_PROV)
DECLARATION (A_FAC_CLIP_IRGT_RES_PROV_CONTENT)
DECLARATION (A_FAC_CLIP_IRGT_RES_NOTPROV)
DECLARATION (A_FAC_CLIP_IRGT_RES_NOTPROV_CONTENT)
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DECLARATION (A_FAC_CLIP_IRGT_RES_UNKNOWN_CONTENT)
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DECLARATION (A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT)
DECLARATION (A_FAC_CLIR_IRGT_RES_PVTMAL2)
DECLARATION (A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT2)
DECLARATION (A_FAC_CCFC_CFU_REG_VF)
DECLARATION (A_FAC_CCFC_CFU_REG_VF_CONTENT)
DECLARATION (A_FAC_CCFC_CFU_REG_D)
DECLARATION (A_FAC_CCFC_CFU_REG_D_CONTENT)
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DECLARATION (A_FAC_CCFC_CFB_REG_VF_CONTENT)
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DECLARATION (A_FAC_CCFC_CFB_REG_D_CONTENT)
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DECLARATION (A_FAC_CCFC_CFNRY_IRGT_RES_CONTENT)
DECLARATION (A_FAC_CCFC_CFNRC_IRGT_RES)
DECLARATION (A_FAC_CCFC_CFNRC_IRGT_RES_CONTENT)
DECLARATION (A_FAC_CCFC_CFNRC_ACT_VF)
DECLARATION (A_FAC_CCFC_CFNRC_ACT_VF_CONTENT)
DECLARATION (A_FAC_NTFY_SS_1)
DECLARATION (A_FAC_NTFY_SS_1_CONTENT)
DECLARATION (A_FAC_NTFY_SS_ECT_RSTR)
DECLARATION (A_FAC_NTFY_SS_ECT_RSTR_CONTENT)
DECLARATION (A_FAC_NTFY_SS_FD)
DECLARATION (A_FAC_NTFY_SS_FD_CONTENT)
DECLARATION (A_FAC_CHECK_SS)
DECLARATION (A_FAC_CHECK_SS_CONTENT)
DECLARATION (A_FAC_CUG_SS_1)
DECLARATION (A_FAC_CUG_SS_1_CONTENT)
DECLARATION (A_FAC_CUG_SS_2)
DECLARATION (A_FAC_CUG_SS_2_CONTENT)
DECLARATION (A_FAC_CPWD_ALLCB_REG)
DECLARATION (A_FAC_CPWD_ALLCB_REG_CONTENT)
DECLARATION (A_FAC_ENTER_PWD_REQ)
DECLARATION (A_FAC_ENTER_PWD_REQ_CONTENT)
DECLARATION (A_FAC_ENTER_PWD_RES)
DECLARATION (A_FAC_ENTER_PWD_RES_CONTENT)
DECLARATION (A_FAC_ENTER_PWD_REQ_2)
DECLARATION (A_FAC_ENTER_PWD_REQ_2_CONTENT)
DECLARATION (A_FAC_ENTER_PWD_RES_2)
DECLARATION (A_FAC_ENTER_PWD_RES_2_CONTENT)
DECLARATION (A_FAC_NEW_PWD_REQ)
DECLARATION (A_FAC_NEW_PWD_REQ_CONTENT)
DECLARATION (A_FAC_NEW_PWD_RES)
DECLARATION (A_FAC_NEW_PWD_RES_CONTENT)
DECLARATION (A_FAC_NEWAGN_PWD_REQ)
DECLARATION (A_FAC_NEWAGN_PWD_REQ_CONTENT)
DECLARATION (A_FAC_NEWAGN_PWD_RES)
DECLARATION (A_FAC_NEWAGN_PWD_RES_CONTENT)
DECLARATION (A_FAC_CPWD_ALLCB_RES)
DECLARATION (A_FAC_CPWD_ALLCB_RES_CONTENT)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_1)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_1_CONTENT)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_2)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_2_CONTENT)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_3)
DECLARATION (A_FAC_CPWD_ALLCB_ERR_3_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_VF)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_D)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_VF)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_D)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_VF)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_D)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ACT_D_RES)
DECLARATION (A_FAC_CLCK_BAIC_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_VF)

DECLARATION (A_FAC_CLCK_BAOC_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ALL_DEACT_VF)
DECLARATION (A_FAC_CLCK_BAOC_ALL_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_D)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_VF)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ALL_DEACT_VF)
DECLARATION (A_FAC_CLCK_BOIC_ALL_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_D)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_DEACT_VF)
DECLARATION (A_FAC_CLCK_BOICxHC_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_DEACT_VF)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_DEACT_D)
DECLARATION (A_FAC_CLCK_BOICxHC_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_VF)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ALL_DEACT_VF)
DECLARATION (A_FAC_CLCK_BAIC_ALL_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_D)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_DEACT_VF)
DECLARATION (A_FAC_CLCK_BICR_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ALL_DEACT_VF)
DECLARATION (A_FAC_CLCK_BICR_ALL_DEACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_DEACT_D)
DECLARATION (A_FAC_CLCK_BICR_DEACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_VF)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_D)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_VF)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_D)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_VF)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_D)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_VF)
DECLARATION (A_FAC_CLCK_BAOC_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ALL_ACT_VF)
DECLARATION (A_FAC_CLCK_BAOC_ALL_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_D)
DECLARATION (A_FAC_CLCK_BAOC_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ACT)
DECLARATION (A_FAC_CLCK_BOIC_ACT_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ACT_VF)
DECLARATION (A_FAC_CLCK_BOIC_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ALL_ACT_VF)
DECLARATION (A_FAC_CLCK_BOIC_ALL_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ACT_D)
DECLARATION (A_FAC_CLCK_BOIC_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT)

DECLARATION (A_FAC_CLCK_BOICxHC_ACT_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_VF)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_ACT_VF)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_D)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ACT)
DECLARATION (A_FAC_CLCK_BAIC_ACT_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ACT_VF)
DECLARATION (A_FAC_CLCK_BAIC_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ALL_ACT_VF)
DECLARATION (A_FAC_CLCK_BAIC_ALL_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ACT_D)
DECLARATION (A_FAC_CLCK_BAIC_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ACT)
DECLARATION (A_FAC_CLCK_BICR_ACT_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ACT_VF)
DECLARATION (A_FAC_CLCK_BICR_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ALL_ACT_VF)
DECLARATION (A_FAC_CLCK_BICR_ALL_ACT_VF_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ACT_D)
DECLARATION (A_FAC_CLCK_BICR_ACT_D_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_IRGT)
DECLARATION (A_FAC_CLCK_BAOC_IRGT_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_IRGT)
DECLARATION (A_FAC_CLCK_BOIC_IRGT_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_IRGT)
DECLARATION (A_FAC_CLCK_BOICxHC_IRGT_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_IRGT)
DECLARATION (A_FAC_CLCK_BAIC_IRGT_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_IRGT)
DECLARATION (A_FAC_CLCK_BICR_IRGT_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLCB_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLIN_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLOUT_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_RES)
DECLARATION (A_FAC_CLCK_BAOC_ACT_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAOC_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ALL_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAOC_ALL_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ACT_D_RES)
DECLARATION (A_FAC_CLCK_BAOC_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOIC_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ALL_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOIC_ALL_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ACT_D_RES)

DECLARATION (A_FAC_CLCK_BOIC_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_D_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAIC_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ALL_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAIC_ALL_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BICR_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ALL_ACT_VF_RES)
DECLARATION (A_FAC_CLCK_BICR_ALL_ACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ACT_D_RES)
DECLARATION (A_FAC_CLCK_BICR_ACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLCB_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLOUT_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_ALLIN_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_BAOC_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_BOIC_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_DACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_DACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_DACT_VF_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_ALL_DACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BOICxHC_DACT_D_RES)
DECLARATION (A_FAC_CLCK_BOICxHC_DACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_D_RES)
DECLARATION (A_FAC_CLCK_BAIC_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BICR_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_ALL_DEACT_VF_RES)
DECLARATION (A_FAC_CLCK_BICR_ALL_DEACT_VF_RES_CONTENT)
DECLARATION (A_FAC_CLCK_BICR_DEACT_D_RES)

DECLARATION (A_FAC_CLCK_BICR_DEACT_D_RES_CONTENT)
DECLARATION (A_FAC_CCBS_ERS_1)
DECLARATION (A_FAC_CCBS_ERS_1_CONTENT)
DECLARATION (A_FAC_CCBS_ERS_ALL)
DECLARATION (A_FAC_CCBS_ERS_ALL_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_REG_VB)
DECLARATION (A_FAC_KSD_CFNRY_REG_VB_CONTENT)
DECLARATION (A_FAC_CCBS_ITRG)
DECLARATION (A_FAC_CCBS_ITRG_CONTENT)
DECLARATION (A_FAC_CCBS_ERS_1_RES)
DECLARATION (A_FAC_CCBS_ERS_1_RES_CONTENT)
DECLARATION (A_FAC_CCBS_ERS_ALL_RES)
DECLARATION (A_FAC_CCBS_ERS_ALL_RES_CONTENT)
DECLARATION (A_FAC_CCBS_ITRG_3N_RES)
DECLARATION (A_FAC_CCBS_ITRG_3N_RES_CONTENT)
DECLARATION (A_FAC_CCBS_ITRG_P_RES)
DECLARATION (A_FAC_CCBS_ITRG_P_RES_CONTENT)
DECLARATION (A_FAC_CCBS_ITRG_NP_RES)
DECLARATION (A_FAC_CCBS_ITRG_NP_RES_CONTENT)
DECLARATION (A_FAC_USSD_REQ)
DECLARATION (A_FAC_USSD_REQ_CONTENT)
DECLARATION (A_FAC_USSD_NTFY)
DECLARATION (A_FAC_USSD_NTFY_CONTENT)
DECLARATION (A_FAC_USSD_PROC)
DECLARATION (A_FAC_USSD_PROC_CONTENT)
DECLARATION (A_FAC_USSD_PROC_KSD)
DECLARATION (A_FAC_USSD_PROC_KSD_CONTENT)
DECLARATION (A_FAC_USSD_REQ_RES)
DECLARATION (A_FAC_USSD_REQ_RES_CONTENT)
DECLARATION (A_FAC_USSD_NTFY_RES)
DECLARATION (A_FAC_USSD_NTFY_RES_CONTENT)
DECLARATION (A_FAC_USSD_PROC_RES)
DECLARATION (A_FAC_USSD_PROC_RES_CONTENT)
DECLARATION (A_FAC_USSD_DAT_RES)
DECLARATION (A_FAC_USSD_DAT_RES_CONTENT)
DECLARATION (A_FAC_USSD_PROC_REJ)
DECLARATION (A_FAC_USSD_PROC_REJ_CONTENT)
DECLARATION (A_FAC_USSD_PROC_IA5)
DECLARATION (A_FAC_USSD_PROC_IA5_CONTENT)
DECLARATION (A_FAC_USSD_PROC_KSD_IA5)
DECLARATION (A_FAC_USSD_PROC_KSD_IA5_CONTENT)
DECLARATION (A_FAC_USSD_BUSY_ERR)
DECLARATION (A_FAC_USSD_BUSY_ERR_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_REG_V)
DECLARATION (A_FAC_KSD_CFNRY_REG_V_CONTENT)
DECLARATION (A_FAC_KSD_CFU_REG_V)
DECLARATION (A_FAC_KSD_CFU_REG_V_CONTENT)
DECLARATION (A_FAC_KSD_CFB_REG_V)
DECLARATION (A_FAC_KSD_CFB_REG_V_CONTENT)
DECLARATION (A_FAC_KSD_CF_REG_V)
DECLARATION (A_FAC_KSD_CF_REG_V_CONTENT)
DECLARATION (A_FAC_KSD_CFC_ERS_V)
DECLARATION (A_FAC_KSD_CFC_ERS_V_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_ERS_V)
DECLARATION (A_FAC_KSD_CFNRC_ERS_V_CONTENT)
DECLARATION (A_FAC_KSD_CFU_ERS_V)
DECLARATION (A_FAC_KSD_CFU_ERS_V_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_ERS_V)

DECLARATION (A_FAC_KSD_CFNRY_ERS_V_CONTENT)
DECLARATION (A_FAC_KSD_CF_ACT_V)
DECLARATION (A_FAC_KSD_CF_ACT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFU_ACT_V)
DECLARATION (A_FAC_KSD_CFU_ACT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFC_DEACT_V)
DECLARATION (A_FAC_KSD_CFC_DEACT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_DEACT_V)
DECLARATION (A_FAC_KSD_CFNRC_DEACT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFB_IRGT_V)
DECLARATION (A_FAC_KSD_CFB_IRGT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_IRGT_V)
DECLARATION (A_FAC_KSD_CFNRY_IRGT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_IRGT_V)
DECLARATION (A_FAC_KSD_CFNRC_IRGT_V_CONTENT)
DECLARATION (A_FAC_KSD_CFB_IRGT_F)
DECLARATION (A_FAC_KSD_CFB_IRGT_F_CONTENT)
DECLARATION (A_FAC_KSD_ALLCB_PWD)
DECLARATION (A_FAC_KSD_ALLCB_PWD_CONTENT)
DECLARATION (A_FAC_KSD_BAOC_ACT)
DECLARATION (A_FAC_KSD_BAOC_ACT_CONTENT)
DECLARATION (A_FAC_KSD_BICR_ACT)
DECLARATION (A_FAC_KSD_BICR_ACT_CONTENT)
DECLARATION (A_FAC_KSD_BOIC_ACT)
DECLARATION (A_FAC_KSD_BOIC_ACT_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_ACT)
DECLARATION (A_FAC_KSD_BAIC_ACT_CONTENT)
DECLARATION (A_FAC_KSD_ALLCB_DEACT)
DECLARATION (A_FAC_KSD_ALLCB_DEACT_CONTENT)
DECLARATION (A_FAC_KSD_ALLOUT_DEACT)
DECLARATION (A_FAC_KSD_ALLOUT_DEACT_CONTENT)
DECLARATION (A_FAC_KSD_ALLIN_DEACT)
DECLARATION (A_FAC_KSD_ALLIN_DEACT_CONTENT)
DECLARATION (A_FAC_KSD_BOICxHC_DEACT)
DECLARATION (A_FAC_KSD_BOICxHC_DEACT_CONTENT)
DECLARATION (A_FAC_KSD_BAOC_DEACT)
DECLARATION (A_FAC_KSD_BAOC_DEACT_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_IRGT)
DECLARATION (A_FAC_KSD_BAIC_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_BOICxHC_IRGT)
DECLARATION (A_FAC_KSD_BOICxHC_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_BICR_IRGT)
DECLARATION (A_FAC_KSD_BICR_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_BOIC_IRGT)
DECLARATION (A_FAC_KSD_BOIC_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_CLIR_IRGT)
DECLARATION (A_FAC_KSD_CLIR_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_CW_ACT)
DECLARATION (A_FAC_KSD_CW_ACT_CONTENT)
DECLARATION (A_FAC_KSD_USSD_PROC)
DECLARATION (A_FAC_KSD_USSD_PROC_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_REG_RES_A)
DECLARATION (A_FAC_KSD_CFNRY_REG_RES_A_CONTENT)
DECLARATION (A_FAC_KSD_CCBS_ERS_1)
DECLARATION (A_FAC_KSD_CCBS_ERS_1_CONTENT)
DECLARATION (A_FAC_KSD_CCBS_ERS_ALL)
DECLARATION (A_FAC_KSD_CCBS_ERS_ALL_CONTENT)
DECLARATION (A_FAC_KSD_CCBS_IRGT)

DECLARATION (A_FAC_KSD_CCBS_IRGT_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_REG_RES_B)
DECLARATION (A_FAC_KSD_CFNRY_REG_RES_B_CONTENT)
DECLARATION (A_FAC_KSD_CFU_REG_RES)
DECLARATION (A_FAC_KSD_CFU_REG_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFB_REG_RES)
DECLARATION (A_FAC_KSD_CFB_REG_RES_CONTENT)
DECLARATION (A_FAC_KSD_CF_REG_RES)
DECLARATION (A_FAC_KSD_CF_REG_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFC_ERS_RES)
DECLARATION (A_FAC_KSD_CFC_ERS_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_ERS_RES)
DECLARATION (A_FAC_KSD_CFNRC_ERS_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFU_ERS_RES)
DECLARATION (A_FAC_KSD_CFU_ERS_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_ERS_RES)
DECLARATION (A_FAC_KSD_CFNRY_ERS_RES_CONTENT)
DECLARATION (A_FAC_KSD_CF_ACT_RES)
DECLARATION (A_FAC_KSD_CF_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFU_ACT_RES)
DECLARATION (A_FAC_KSD_CFU_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFC_DEACT_RES)
DECLARATION (A_FAC_KSD_CFC_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_DEACT_RES)
DECLARATION (A_FAC_KSD_CFNRC_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BAOC_DEACT_RES)
DECLARATION (A_FAC_KSD_BAOC_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFB_IRGT_RES)
DECLARATION (A_FAC_KSD_CFB_IRGT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFB_IRGT_RES2)
DECLARATION (A_FAC_KSD_CFB_IRGT_RES2_CONTENT)
DECLARATION (A_FAC_KSD_CFNRY_IRGT_RES)
DECLARATION (A_FAC_KSD_CFNRY_IRGT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFNRC_IRGT_RES)
DECLARATION (A_FAC_KSD_CFNRC_IRGT_RES_CONTENT)
DECLARATION (A_FAC_KSD_CFB_IRGT_F_RES)
DECLARATION (A_FAC_KSD_CFB_IRGT_F_RES_CONTENT)
DECLARATION (A_FAC_KSD_BAOC_ACT_RES)
DECLARATION (A_FAC_KSD_BAOC_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BICR_ACT_RES)
DECLARATION (A_FAC_KSD_BICR_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BOIC_ACT_RES)
DECLARATION (A_FAC_KSD_BOIC_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_ACT_RES)
DECLARATION (A_FAC_KSD_BAIC_ACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_ALLCB_DEACT_RES)
DECLARATION (A_FAC_KSD_ALLCB_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_ALLOUT_DEACT_RES)
DECLARATION (A_FAC_KSD_ALLOUT_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_ALLIN_DEACT_RES)
DECLARATION (A_FAC_KSD_ALLIN_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BOICxHC_DEACT_RES)
DECLARATION (A_FAC_KSD_BOICxHC_DEACT_RES_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_IRGT_RES_A)
DECLARATION (A_FAC_KSD_BAIC_IRGT_RES_A_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_IRGT_RES_B)
DECLARATION (A_FAC_KSD_BAIC_IRGT_RES_B_CONTENT)
DECLARATION (A_FAC_KSD_BAIC_IRGT_RES_C)

```
DECLARATION ( A_FAC_KSD_BAIC_IRGT_RES_C_CONTENT )
DECLARATION ( A_FAC_KSD_BOICxHC_IRGT_RES )
DECLARATION ( A_FAC_KSD_BOICxHC_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_BICR_IRGT_RES )
DECLARATION ( A_FAC_KSD_BICR_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_BOIC_IRGT_RES )
DECLARATION ( A_FAC_KSD_BOIC_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CLIR_IRGT_RES )
DECLARATION ( A_FAC_KSD_CLIR_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CW_ACT_RES )
DECLARATION ( A_FAC_KSD_CW_ACT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CW_ACT_RES2 )
DECLARATION ( A_FAC_KSD_CW_ACT_RES2_CONTENT )
DECLARATION ( A_FAC_KSD_USSD_PROC_RES )
DECLARATION ( A_FAC_KSD_USSD_PROC_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CCBS_ERS_RES )
DECLARATION ( A_FAC_KSD_CCBS_ERS_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CCBS_IRGT_RES )
DECLARATION ( A_FAC_KSD_CCBS_IRGT_RES_CONTENT )
DECLARATION ( A_FAC_KSD_CCBS_IRGT_ERR )
DECLARATION ( A_FAC_KSD_CCBS_IRGT_ERR_CONTENT )
DECLARATION ( A_FAC_KSD_EMPTY_RES_INV_ID0 )
DECLARATION ( A_FAC_KSD_EMPTY_RES_INV_ID0_CONTENT )
DECLARATION (NUM_654321)
DECLARATION (S_CLG_PARTY)
DECLARATION (S_CLD_PARTY_2)
DECLARATION (S_CLG_PARTY_SUB)
DECLARATION (S_CLG_EMERG_SUB)


/*---------------------------------  structure declarations ---------------------------------- */
DECLARATION ( S_FAC_AOC )
DECLARATION ( S_FAC_CLIP_IRGT )
DECLARATION (S_CLD_PARTY)
DECLARATION (S_CLD_PARTY_SUB)
DECLARATION (S_BS_NOT_PRESENT)
DECLARATION (S_BS_V)
DECLARATION (S_BS_VOICE)
DECLARATION (S_CHN_FULL_9600)
DECLARATION (S_CLD_PARTY_ECC)
DECLARATION (S_CLD_PARTY_MDFY)
DECLARATION (S_CLD_PARTY_INT)
DECLARATION (S_CLD_PARTY_SUB_MDFY)
DECLARATION (S_CLD_PARTY_NINT)

/*---------------------------------  definitions ---------------------------------------------- */

BYTE NUM_0 0
BYTE NUM_1 1
BYTE NUM_2 2
BYTE NUM_3 3
BYTE NUM_4 4
BYTE NUM_5 5
BYTE NUM_6 6
BYTE NUM_7 7
BYTE NUM_8 8
BYTE NUM_9 9
BYTE NUM_10 10
```

```
SHORT NUM_9600 9600
SHORT NUM_4800 4800

BYTE BCD_LEN_6      0x06
BYTE PRES_ALLOWED 0
BYTE SCR_USER_UNSCREENED 0
BYTE V_PLMN_PRES 1

/*---------------------------------- AT commands and messages ---------------------------------- */

/* AT final results */
/*
Message:            OK
                    successful operation
*/
STRING(M_OK, "OK" )
BYTE LM_OK 2

/*message:          RING
                    alerting*/
STRING(M_RING, "RING" )

/*
Message:            IMEI
*/
STRING(M_IMEI, "135790246811222 78" )
BYTE LM_IMEI 17


/*
Message:            NO CARRIER
                    carrier lost
*/
STRING(M_NO_CARRIER, "NO CARRIER" )
BYTE LM_NO_CARRIER 10

/*
Message:            CONNECT
                    successful data call connection
*/
STRING(M_CONNECT_9600, "CONNECT 9600" )
BYTE LM_CONNECT_9600 12

/*
Message:            ERROR
                    error result code
*/
STRING(M_ERROR, "ERROR" )
BYTE LM_ERROR 5
/*

Message:            +CME
                    error result code
*/
```

```
STRING(M_ERR_PIN_REQ, "+CME ERROR: SIM PIN required" )
BYTE LM_ERR_PIN_REQ 28
STRING(M_ERR_SIM_FATAL, "+CME ERROR: SIM not inserted" )
BYTE LM_ERR_SIM_FATAL 28
STRING(M_ERR_SIM_BLCK, "+CME ERROR: SIM PUK required" )
BYTE LM_ERR_SIM_BLCK 28
STRING(M_ERR_SIM_FAIL, "+CME ERROR: SIM failure" )
BYTE LM_ERR_SIM_FAIL 23
STRING(M_ERR_NO_NTW_SRV, "+CME ERROR: no network service" )
BYTE LM_ERR_NO_NTW_SRV 30
STRING(M_ERR_UKN, "+CME ERROR: unknown" )
BYTE LM_ERR_UKN 19

/* AT commands */
/*
Command:        +CEER
                extended error report
*/
STRING(C_PLUS_CEER, "AT+CEER " )
BYTE LC_PLUS_CEER 7

/*
Command:        +CMEE
                error report mode
*/
STRING(C_PLUS_CMEE_VERB, "AT+CMEE=2 " )
BYTE LC_PLUS_CMEE_VERB 9

/*
Command:        A
                accept call
*/
STRING(C_A, "ATA" )
BYTE LC_A 3

/*
Command:        CHLD
                Call hold
*/
STRING(C_CHLD_2, "AT+CHLD=2" )
BYTE LC_CHLD_2 9

/*
Command:        +CCWA
                Call waiting report mode
*/
STRING(C_CCWA_ENABLE, "AT+CCWA=1" )
BYTE LC_CCWA_ENABLE 9

/*
Message:        +CCWA:
                Indication of call waiting
*/
STRING(M_CCWA_IND, "+CCWA: \"654321\",168,1" )
BYTE LM_CCWA_IND 21
```

```
/*
Command:        D
                Dial a number
*/
STRING(C_D_DAT, "ATD03039094444" )
BYTE LC_D_DAT 14
STRING(C_D_VOICE, "ATD03039094444;" )
BYTE LC_D_VOICE 15
STRING(C_D_VOICE_CUG, "ATD03039094444G;" )
BYTE LC_D_VOICE_CUG 16
STRING(C_D_KSD_1, "ATD**61*00431234*11*5#" )
BYTE LC_D_KSD_1 22
STRING(C_D_KSD_1B, "ATD**61*+431234*11*5#" )
BYTE LC_D_KSD_1B 22
STRING(C_D_KSD_2, "ATD**21*00431234*13#" )
BYTE LC_D_KSD_2 20
STRING(C_D_KSD_3, "ATD**67*00431234*21#" )
BYTE LC_D_KSD_3 20
STRING(C_D_KSD_4, "ATD**002*00431234*13#" )
BYTE LC_D_KSD_4 21
STRING(C_D_KSD_5, "ATD##004**13#" )
BYTE LC_D_KSD_5 13
STRING(C_D_KSD_6, "ATD##62#" )
BYTE LC_D_KSD_6 8
STRING(C_D_KSD_7, "ATD##21**11#" )
BYTE LC_D_KSD_7 12
STRING(C_D_KSD_8, "ATD##61**13#" )
BYTE LC_D_KSD_8 12
STRING(C_D_KSD_9, "ATD*002**22#" )
BYTE LC_D_KSD_9 12
STRING(C_D_KSD_10, "ATD*21#" )
BYTE LC_D_KSD_10 7
STRING(C_D_KSD_11, "ATD#004**11#" )
BYTE LC_D_KSD_11 12
STRING(C_D_KSD_12, "ATD#62**13#" )
BYTE LC_D_KSD_12 11
STRING(C_D_KSD_13, "ATD*#67#" )
BYTE LC_D_KSD_13 8
STRING(C_D_KSD_14, "ATD*#61**11#" )
BYTE LC_D_KSD_14 12
STRING(C_D_KSD_15, "ATD*#62#" )
BYTE LC_D_KSD_15 8
STRING(C_D_KSD_16, "ATD*#67**13#" )
BYTE LC_D_KSD_16 12
STRING(C_D_KSD_17, "ATD**03*330*1234*9876*9876#" )
BYTE LC_D_KSD_17 27
STRING(C_D_KSD_18, "ATD*33*1234*22#" )
BYTE LC_D_KSD_18 15
STRING(C_D_KSD_19, "ATD*351#" )
BYTE LC_D_KSD_19 8
STRING(C_D_KSD_20, "ATD*331#" )
BYTE LC_D_KSD_20 8
STRING(C_D_KSD_21, "ATD*35#" )
BYTE LC_D_KSD_21 7
STRING(C_D_KSD_22, "ATD#330**11#" )
BYTE LC_D_KSD_22 12
STRING(C_D_KSD_23, "ATD#333**13#" )
```

```
BYTE LC_D_KSD_23 12
STRING(C_D_KSD_24, "ATD#353#" )
BYTE LC_D_KSD_24 8
STRING(C_D_KSD_25, "ATD#332#" )
BYTE LC_D_KSD_25 8
STRING(C_D_KSD_26, "ATD*#35#" )
BYTE LC_D_KSD_26 8
STRING(C_D_KSD_27, "ATD*#332#" )
BYTE LC_D_KSD_27 9
STRING(C_D_KSD_28, "ATD*#351#" )
BYTE LC_D_KSD_28 9
STRING(C_D_KSD_29, "ATD*#331#" )
BYTE LC_D_KSD_29 9
STRING(C_D_KSD_30, "ATD**00#" )
BYTE LC_D_KSD_30 8
STRING(C_D_KSD_31, "ATD**04*1234*9876*9876#" )
BYTE LC_D_KSD_31 23
STRING(C_D_KSD_32, "ATD*#06#" )
BYTE LC_D_KSD_32 8
STRING(C_D_KSD_33, "ATD**05*87654321*9876*9876#" )
BYTE LC_D_KSD_33 27
STRING(C_D_KSD_34, "ATD**052*87654321*9876*9876#" )
BYTE LC_D_KSD_34 28
STRING(C_D_KSD_35, "ATD#33**10#" )
BYTE LC_D_KSD_35 11
STRING(C_D_KSD_36, "ATD*#31#" )
BYTE LC_D_KSD_36 8
STRING(C_D_KSD_37, "ATD*43#" )
BYTE LC_D_KSD_37 7
STRING(C_D_KSD_38, "ATD*31#00493039094444;" )
BYTE LC_D_KSD_38 22
STRING(C_D_KSD_39, "ATD#31#00493039094444;" )
BYTE LC_D_KSD_39 22
STRING(C_D_KSD_40, "ATD*31#+493039094444;" )
BYTE LC_D_KSD_40 21
STRING(C_D_KSD_41, "ATD#31#+493039094444;" )
BYTE LC_D_KSD_41 21
STRING(C_D_KSD_42, "ATD##37*1#" )
BYTE LC_D_KSD_42 10
STRING(C_D_KSD_43, "ATD##37#" )
BYTE LC_D_KSD_43 8
STRING(C_D_KSD_44, "ATD*#37#" )
BYTE LC_D_KSD_44 8
STRING(C_D_KSD_99, "ATD**03*330*0105*1014*1014#" )
BYTE LC_D_KSD_99 27
STRING(C_D_KSD_100, "ATD*100#" )
BYTE LC_D_KSD_100 8

/*
Command:        +CCWA
                Call waiting indication
*/
STRING(C_PLUS_CCWA_QUERY, "AT+CCWA=,2 " )
BYTE LC_PLUS_CCWA_QUERY 10
STRING(C_PLUS_CCWA_QUERY2, "AT+CCWA=1,2 " )
BYTE LC_PLUS_CCWA_QUERY2 11
STRING(C_PLUS_CCWA_ACT_V, "AT+CCWA=,1,1 " )
BYTE LC_PLUS_CCWA_ACT_V 12
```

```
STRING(C_PLUS_CCWA_ACT_D, "AT+CCWA=,1,2 " )
BYTE LC_PLUS_CCWA_ACT_D 12
STRING(C_PLUS_CCWA_ACT_F, "AT+CCWA=,1,4 " )
BYTE LC_PLUS_CCWA_ACT_D 12
STRING(C_PLUS_CCWA_DEACT, "AT+CCWA=,0,7 " )
BYTE LC_PLUS_CCWA_DEACT 12

/*
message:        +CCWA
                call waiting presentation
*/
STRING(M_PLUS_CCWA, "+CCWA: \"03039094223\",129,1," )
BYTE LM_PLUS_CCWA 27
STRING(M_PLUS_CCWA_V, "+CCWA: 1,1" )
BYTE LM_PLUS_CCWA_V 10
STRING(M_PLUS_CCWA_D, "+CCWA: 1,2" )
BYTE LM_PLUS_CCWA_D 10
STRING(M_PLUS_CCWA_F, "+CCWA: 1,4" )
BYTE LM_PLUS_CCWA_F 10

/*
Command:        +CCFC
                Call Forwarding
*/
STRING(C_PLUS_CCFC_CFU_QUERY, "AT+CCFC=0,2 " )
BYTE LC_PLUS_CCFC_CFU_QUERY 11
STRING(C_PLUS_CCFC_CFB_QUERY, "AT+CCFC=1,2 " )
BYTE LC_PLUS_CCFC_CFB_QUERY 11
STRING(C_PLUS_CCFC_CFNRY_QUERY, "AT+CCFC=2,2 " )
BYTE LC_PLUS_CCFC_CFNRY_QUERY 11
STRING(C_PLUS_CCFC_CFNRC_QUERY, "AT+CCFC=3,2 " )
BYTE LC_PLUS_CCFC_CFNRC_QUERY 11
STRING(C_PLUS_CCFC_ALLCF_QUERY, "AT+CCFC=4,2 " )
BYTE LC_PLUS_CCFC_ALLCF_QUERY 11
STRING(C_PLUS_CCFC_ALLCFC_QUERY, "AT+CCFC=5,2 " )
BYTE LC_PLUS_CCFC_ALLCFC_QUERY 11
STRING(C_PLUS_CCFC_CFU_REG, "AT+CCFC=0,3,\"03039094223\",,7,\"123456\" " )
BYTE LC_PLUS_CCFC_CFU_REG 38
STRING(C_PLUS_CCFC_CFB_REG, "AT+CCFC=1,3,\"03039094223\",,7,\"123456\" " )
BYTE LC_PLUS_CCFC_CFB_REG 38
STRING(C_PLUS_CCFC_CFNRY_REG, "AT+CCFC=2,3,\"03039094223\",,7,\"123456\",,16 " )
BYTE LC_PLUS_CCFC_CFNRY_REG 42
STRING(C_PLUS_CCFC_CFNRC_REG, "AT+CCFC=3,3,\"03039094223\",,7,\"123456\" " )
BYTE LC_PLUS_CCFC_CFNRC_REG 38
STRING(C_PLUS_CCFC_ALLCF_REG, "AT+CCFC=4,3,\"03039094223\",,7,\"123456\" " )
BYTE LC_PLUS_CCFC_ALLCF_REG 38
STRING(C_PLUS_CCFC_ALLCFC_REG, "AT+CCFC=5,3,\"03039094223\",,7,\"123456\" " )
BYTE LC_PLUS_CCFC_ALLCFC_REG 38
STRING(C_PLUS_CCFC_CFU_ERS, "AT+CCFC=0,4,,,7" )
BYTE LC_PLUS_CCFC_CFU_ERS 15
STRING(C_PLUS_CCFC_CFB_ERS, "AT+CCFC=1,4,,,7" )
BYTE LC_PLUS_CCFC_CFB_ERS 15
STRING(C_PLUS_CCFC_CFNRY_ERS, "AT+CCFC=2,4,,,7" )
BYTE LC_PLUS_CCFC_CFNRY_ERS 15
STRING(C_PLUS_CCFC_CFNRC_ERS, "AT+CCFC=3,4,,,7" )
BYTE LC_PLUS_CCFC_CFNRC_ERS 15
STRING(C_PLUS_CCFC_ALLCF_ERS, "AT+CCFC=4,4,,,7" )
BYTE LC_PLUS_CCFC_ALLCF_ERS 15
```

```
STRING(C_PLUS_CCFC_ALLCFC_ERS, "AT+CCFC=5,4,,,7" )
BYTE LC_PLUS_CCFC_ALLCFC_ERS 15
STRING(C_PLUS_CCFC_CFU_ACT, "AT+CCFC=0,1,,,7" )
BYTE LC_PLUS_CCFC_CFU_ACT 15
STRING(C_PLUS_CCFC_CFB_ACT, "AT+CCFC=1,1,,,7" )
BYTE LC_PLUS_CCFC_CFB_ACT 15
STRING(C_PLUS_CCFC_CFNRY_ACT, "AT+CCFC=2,1,,,7" )
BYTE LC_PLUS_CCFC_CFNRY_ACT 15
STRING(C_PLUS_CCFC_CFNRC_ACT, "AT+CCFC=3,1,,,7" )
BYTE LC_PLUS_CCFC_CFNRC_ACT 15
STRING(C_PLUS_CCFC_ALLCF_ACT, "AT+CCFC=4,1,,,7" )
BYTE LC_PLUS_CCFC_ALLCF_ACT 15
STRING(C_PLUS_CCFC_ALLCFC_ACT, "AT+CCFC=5,1,,,7" )
BYTE LC_PLUS_CCFC_ALLCFC_ACT 15
STRING(C_PLUS_CCFC_CFU_DEACT, "AT+CCFC=0,0,,,7" )
BYTE LC_PLUS_CCFC_CFU_DEACT 15
STRING(C_PLUS_CCFC_CFB_DEACT, "AT+CCFC=1,0,,,7" )
BYTE LC_PLUS_CCFC_CFB_DEACT 15
STRING(C_PLUS_CCFC_CFNRY_DEACT, "AT+CCFC=2,0,,,7" )
BYTE LC_PLUS_CCFC_CFNRY_DEACT 15
STRING(C_PLUS_CCFC_CFNRC_DEACT, "AT+CCFC=3,0,,,7" )
BYTE LC_PLUS_CCFC_CFNRC_DEACT 15
STRING(C_PLUS_CCFC_ALLCF_DEACT, "AT+CCFC=4,0,,,7" )
BYTE LC_PLUS_CCFC_ALLCF_DEACT 15
STRING(C_PLUS_CCFC_ALLCFC_DEACT, "AT+CCFC=5,0,,,7" )
BYTE LC_PLUS_CCFC_ALLCFC_DEACT 15

/*
message:        +CCFC
                call forwarding presentation
*/
STRING(M_PLUS_CCFC_CFU, "+CCFC: 0,7" )
BYTE LM_PLUS_CCFC_CFU 10
STRING(M_PLUS_CCFC_CFB_V, "+CCFC: 1,1,\"493039094444\",145" )
BYTE LM_PLUS_CCFC_CFB_V 29
STRING(M_PLUS_CCFC_CFB_D, "+CCFC: 1,2,\"03039094223\",129" )
BYTE LM_PLUS_CCFC_CFB_D 28
STRING(M_PLUS_CCFC_CFNRY_V, "+CCFC: 1,1,\"493039094444\",145,,,10" )
BYTE LM_PLUS_CCFC_CFNRY_V 34
STRING(M_PLUS_CCFC_CFNRY_F, "+CCFC: 1,4" )
BYTE LM_PLUS_CCFC_CFNRY_F 10
STRING(M_PLUS_CCFC_CFNRY_KSD_V, "+CCFC: 1,1,\"431234\",145" )
BYTE LM_PLUS_CCFC_CFNRY_KSD_V 23
STRING(M_PLUS_CCFC_CFNRC, "+CCFC: 0,7" )
BYTE LM_PLUS_CCFC_CFNRC 10

/*
Command:        +COLP
                Calling line presentation mode
*/
STRING(C_PLUS_COLP_ON, "AT+COLP=1 " )
BYTE LC_PLUS_COLP_ON 9
STRING(C_PLUS_COLP_QUERY, "AT+COLP? " )
BYTE LC_PLUS_COLP_QUERY 8

/*
Command:        +CFUN
```

```
                set phone functionality
*/
STRING(C_PLUS_CFUN_FULL, "AT+CFUN=1 " )
BYTE LC_PLUS_CFUN_FULL 9

/*
message:        +COLP
                calling line presentation
*/
STRING(M_PLUS_COLP_NUM, "+COLP: \"03039094223\",129,,," )
BYTE LM_PLUS_COLP_NUM 27


/*
Command:        +CLIR
                Calling line restriction mode
*/
STRING(C_PLUS_CLIR_SUP, "AT+CLIR=2 " )
BYTE LC_PLUS_CLIR_SUP 9
STRING(C_PLUS_CLIR_QUERY, "AT+CLIR? " )
BYTE LC_PLUS_CLIR_QUERY 8

/*
Message:        +CLIR
                Calling line restriction mode
*/
STRING(M_PLUS_CLIR_PVTMAL, "+CLIR: 0,4" )
BYTE LM_PLUS_CLIR_PVTMAL 10

/*
Message:        +CLIR
                Calling line restriction mode (2)
*/
STRING(M_PLUS_CLIR_PVTMAL2, "+CLIR: 0,0" )
BYTE LM_PLUS_CLIR_PVTMAL2 10

/*
Command:        +CLIP
                Calling line presentation mode
*/
STRING(C_PLUS_CLIP_QUERY, "AT+CLIP? " )
BYTE LC_PLUS_CLIP_QUERY 8

/*
Message:        +CLIP
                Calling line presentation mode
*/
STRING(M_PLUS_CLIP_PROV, "+CLIP: 0,1" )
BYTE LM_PLUS_CLIP_PROV 10
STRING(M_PLUS_CLIP_NOTPROV, "+CLIP: 0,0" )
BYTE LM_PLUS_CLIP_NOTPROV 10
STRING(M_PLUS_CLIP_UNKNOWN, "+CLIP: 0,2" )
BYTE LM_PLUS_CLIP_UNKNOWN 10

/*
```

```
Command:        +CHLD
                Call on hold
*/
STRING(C_PLUS_CHLD_0, "AT+CHLD=0 " )
BYTE LC_PLUS_CHLD_0 9
STRING(C_PLUS_CHLD_1, "AT+CHLD=1 " )
BYTE LC_PLUS_CHLD_1 9
STRING(C_PLUS_CHLD_2, "AT+CHLD=2 " )
BYTE LC_PLUS_CHLD_2 9
STRING(C_PLUS_CHLD_13, "AT+CHLD=13 " )
BYTE LC_PLUS_CHLD_13 10

/*
Command:        +CSSN
                Supplementary Service Notifications
*/
STRING(C_PLUS_CSSN_ON, "AT+CSSN=1,1 " )
BYTE LC_PLUS_CSSN_ON 11
STRING(C_PLUS_CSSN_QUERY, "AT+CSSN? " )
BYTE LC_PLUS_CSSN_QUERY 8

/*
message:        +CSSN
                Supplementary Service Notifications
*/
STRING(M_PLUS_CSSI_CFU, "+CSSI: 0")
BYTE LM_PLUS_CSSI_CFU 8
STRING(M_PLUS_CSSI_CW, "+CSSI: 3")
BYTE LM_PLUS_CSSI_CW 8
STRING(M_PLUS_CSSI_CUG, "+CSSI: 4,5")
BYTE LM_PLUS_CSSI_CUG 10
STRING(M_PLUS_CSSI_CLIR, "+CSSI: 7")
BYTE LM_PLUS_CSSI_CLIR 8
STRING(M_PLUS_CSSU_FWD, “+CSSU: 0”)
STRING(M_PLUS_CSSU_HLD, "+CSSU: 2")
BYTE LM_PLUS_CSSU_HLD 8
STRING(M_PLUS_CSSU_MPTY, "+CSSU: 4")
BYTE LM_PLUS_CSSU_MPTY 8
STRING(M_PLUS_CSSU_ECT_ALRT, "+CSSU: 7,,\"03039094223\",129,\"123456\",128")
BYTE LM_PLUS_CSSU_ECT_ALRT 40
STRING(M_PLUS_CSSU_CHK, "+CSSU: 6" )
BYTE LM_PLUS_CSSU_CHK 8

/*
Command:        +CCUG
                Closed User Group
*/
STRING(C_PLUS_CCUG_ON, "AT+CCUG=1,5,3 " )
BYTE LC_PLUS_CCUG_ON 13

/*
Command:        +CPWD
                Change Password
*/
STRING(C_PLUS_CPWD_CBALL, "AT+CPWD=\"AB\",\"1234\",\"9876\"" )
BYTE LC_PLUS_CPWD_CBALL 26
```

```
STRING(C_PLUS_CPWD_PIN1, "AT+CPWD=\"SC\",\"1234\",\"9876\"" )
BYTE LC_PLUS_CPWD_PIN1 26
STRING(C_PLUS_CPWD_PIN2, "AT+CPWD=\"P2\",\"1234\",\"9876\"" )
BYTE LC_PLUS_CPWD_PIN2 26

/*
Command:        +CLCK
                Facility lock
*/
STRING(C_PLUS_CLCK_ALLCB_ACT, "AT+CLCK=\"AB\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_ALLCB_ACT 21
STRING(C_PLUS_CLCK_BAOC_ACT, "AT+CLCK=\"AO\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_BAOC_ACT 23
STRING(C_PLUS_CLCK_BAOC_ALL_ACT, "AT+CLCK=\"AO\",1,\"1234\",15" )
BYTE LC_PLUS_CLCK_BAOC_ALL_ACT 24
STRING(C_PLUS_CLCK_BAOC_DEF_ACT, "AT+CLCK=\"AO\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_BAOC_DEF_ACT 21
STRING(C_PLUS_CLCK_BOIC_ACT, "AT+CLCK=\"OI\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_BOIC_ACT 23
STRING(C_PLUS_CLCK_BOIC_ALL_ACT, "AT+CLCK=\"OI\",1,\"1234\",15" )
BYTE LC_PLUS_CLCK_BOIC_ALL_ACT 24
STRING(C_PLUS_CLCK_BOIC_DEF_ACT, "AT+CLCK=\"OI\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_BOIC_DEF_ACT 21
STRING(C_PLUS_CLCK_BOICxHC_ACT, "AT+CLCK=\"OX\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_BOICxHC_ACT 23
STRING(C_PLUS_CLCK_BOICxHC_ALL_ACT, "AT+CLCK=\"OX\",1,\"1234\",15" )
BYTE LC_PLUS_CLCK_BOICxHC_ALL_ACT 24
STRING(C_PLUS_CLCK_BOICxHC_DEF_ACT, "AT+CLCK=\"OX\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_BOICxHC_DEF_ACT 21
STRING(C_PLUS_CLCK_BAIC_ACT, "AT+CLCK=\"AI\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_BAIC_ACT 23
STRING(C_PLUS_CLCK_BAIC_ALL_ACT, "AT+CLCK=\"AI\",1,\"1234\",15" )
BYTE LC_PLUS_CLCK_BAIC_ALL_ACT 24
STRING(C_PLUS_CLCK_BAIC_DEF_ACT, "AT+CLCK=\"AI\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_BAIC_DEF_ACT 21
STRING(C_PLUS_CLCK_BICR_ACT, "AT+CLCK=\"IR\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_BICR_ACT 23
STRING(C_PLUS_CLCK_BICR_ALL_ACT, "AT+CLCK=\"IR\",1,\"1234\",15" )
BYTE LC_PLUS_CLCK_BICR_ALL_ACT 24
STRING(C_PLUS_CLCK_BICR_DEF_ACT, "AT+CLCK=\"IR\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_BICR_DEF_ACT 21
STRING(C_PLUS_CLCK_ALLOUT_ACT, "AT+CLCK=\"AG\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_ALLOUT_ACT 23
STRING(C_PLUS_CLCK_ALLIN_ACT, "AT+CLCK=\"AC\",1,\"1234\",7" )
BYTE LC_PLUS_CLCK_ALLIN_ACT 23
STRING(C_PLUS_CLCK_PIN1_ACT, "AT+CLCK=\"SC\",1,\"1234\"" )
BYTE LC_PLUS_CLCK_PIN1_ACT 21
STRING(C_PLUS_CLCK_ALLCB_DEACT, "AT+CLCK=\"AB\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_ALLCB_DEACT 23
STRING(C_PLUS_CLCK_BAOC_DEACT, "AT+CLCK=\"AO\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_BAOC_DEACT 23
STRING(C_PLUS_CLCK_BAOC_ALL_DEACT, "AT+CLCK=\"AO\",0,\"1234\",15" )
BYTE LC_PLUS_CLCK_BAOC_ALL_DEACT 24
STRING(C_PLUS_CLCK_BOIC_DEACT, "AT+CLCK=\"OI\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_BOIC_DEACT 23
STRING(C_PLUS_CLCK_BOIC_ALL_DEACT, "AT+CLCK=\"OI\",0,\"1234\",15" )
BYTE LC_PLUS_CLCK_BOIC_ALL_DEACT 24
```

```
STRING(C_PLUS_CLCK_BOICxHC_DEACT, "AT+CLCK=\"OX\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_BOICxHC_DEACT 23
STRING(C_PLUS_CLCK_BOICxHC_ALL_DEACT, "AT+CLCK=\"OX\",0,\"1234\",15" )
BYTE LC_PLUS_CLCK_BOICxHC_ALL_DEACT 24
STRING(C_PLUS_CLCK_BAIC_DEACT, "AT+CLCK=\"AI\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_BAIC_DEACT 23
STRING(C_PLUS_CLCK_BAIC_ALL_DEACT, "AT+CLCK=\"AI\",0,\"1234\",15" )
BYTE LC_PLUS_CLCK_BAIC_ALL_DEACT 24
STRING(C_PLUS_CLCK_BICR_DEACT, "AT+CLCK=\"IR\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_BICR_DEACT 23
STRING(C_PLUS_CLCK_BICR_ALL_DEACT, "AT+CLCK=\"IR\",0,\"1234\",15" )
BYTE LC_PLUS_CLCK_BICR_ALL_DEACT 24
STRING(C_PLUS_CLCK_ALLOUT_DEACT, "AT+CLCK=\"AG\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_ALLOUT_DEACT 23
STRING(C_PLUS_CLCK_ALLIN_DEACT, "AT+CLCK=\"AC\",0,\"1234\",7" )
BYTE LC_PLUS_CLCK_ALLIN_DEACT 23
STRING(C_PLUS_CLCK_PIN1_DEACT, "AT+CLCK=\"SC\",0,\"1234\"" )
BYTE LC_PLUS_CLCK_PIN1_DEACT 21
STRING(C_PLUS_CLCK_ALLCB_QUERY, "AT+CLCK=\"AB\",2" )
BYTE LC_PLUS_CLCK_ALLCB_QUERY 14
STRING(C_PLUS_CLCK_BAOC_QUERY, "AT+CLCK=\"AO\",2" )
BYTE LC_PLUS_CLCK_BAOC_QUERY 14
STRING(C_PLUS_CLCK_BOIC_QUERY, "AT+CLCK=\"OI\",2" )
BYTE LC_PLUS_CLCK_BOIC_QUERY 14
STRING(C_PLUS_CLCK_BOICxHC_QUERY, "AT+CLCK=\"OX\",2" )
BYTE LC_PLUS_CLCK_BOICxHC_QUERY 14
STRING(C_PLUS_CLCK_BAIC_QUERY, "AT+CLCK=\"AI\",2" )
BYTE LC_PLUS_CLCK_BAIC_QUERY 14
STRING(C_PLUS_CLCK_BICR_QUERY, "AT+CLCK=\"IR\",2" )
BYTE LC_PLUS_CLCK_BICR_QUERY 14
STRING(C_PLUS_CLCK_ALLOUT_QUERY, "AT+CLCK=\"AG\",2" )
BYTE LC_PLUS_CLCK_ALLOUT_QUERY 14
STRING(C_PLUS_CLCK_ALLIN_QUERY, "AT+CLCK=\"AC\",2" )
BYTE LC_PLUS_CLCK_ALLIN_QUERY 14
STRING(C_PLUS_CLCK_PIN1_QUERY, "AT+CLCK=\"SC\",2" )
BYTE LC_PLUS_CLCK_PIN1_QUERY 14

/*
Message:        +CLCK
                Facility lock
*/
STRING(M_PLUS_CLCK_PIN1_ENA, "+CLCK: 1" )
BYTE LM_PLUS_CLCK_PIN1_ENA 8
STRING(M_PLUS_CLCK_PIN1_DIS, "+CLCK: 0" )
BYTE LM_PLUS_CLCK_PIN1_DIS 8
STRING(M_PLUS_CLCK_IND_0_15, "+CLCK: 0,15" )
BYTE LM_PLUS_CLCK_IND_0_15 11
STRING(M_PLUS_CLCK_IND_1_1, "+CLCK: 1,1" )
BYTE LM_PLUS_CLCK_IND_1_1 10
STRING(M_PLUS_CLCK_IND_1_2, "+CLCK: 1,2" )
BYTE LM_PLUS_CLCK_IND_1_2 10
STRING(M_PLUS_CLCK_IND_1_4, "+CLCK: 1,4" )
BYTE LM_PLUS_CLCK_IND_1_4 10
STRING(M_PLUS_CLCK_IND_1_8, "+CLCK: 1,8" )
BYTE LM_PLUS_CLCK_IND_1_8 10

/*
```

```
Command:        +CUSD
                Unstructured Supplementary Service Data
*/
STRING(C_PLUS_CUSD_ON, "AT+CUSD=1" )
BYTE LC_PLUS_CUSD_ON 9
STRING(C_PLUS_CUSD_SEND, "AT+CUSD=1,\"ABCDEFGHIJKLMNOPQRSTUVWXYZ@$\",0" )
BYTE LC_PLUS_CUSD_SEND 42

/*
message:        +CUSD
                Unstructured Supplementary Service Data
*/
STRING(M_PLUS_CUSD_NTFY, "+CUSD: 0,\"abcdefghijklmnopqrstuvwxyz\",165" )
BYTE LM_PLUS_CUSD_NTFY 41
STRING(M_PLUS_CUSD_PROC_RES, "+CUSD: 0,\"abcdefghijklmnopqrstuvwxyz\",165" )
BYTE LM_PLUS_CUSD_PROC_RES 41
STRING(M_PLUS_CUSD_DAT_RES, "+CUSD: 0,\"abcdefghijklmnopqrstuvwxyz\",0" )
BYTE LM_PLUS_CUSD_DAT_RES 39
STRING(M_PLUS_CUSD_ATD_RES, "+CUSD: 0,\"abcdefghijklmnopqrstuvwxyz\"" )
BYTE LM_PLUS_CUSD_ATD_RES 37
STRING(M_PLUS_CUSD_DEFAULT_DCS_PROC_RES, "+CUSD: 0,\"*#100#\",15" )
BYTE LM_PLUS_CUSD_DEFAULT_DCS_PROC_RES 20
STRING(M_PLUS_CUSD_REQ, "+CUSD: 1,\"abcdefghijklmnopqrstuvwxyz\",165" )
BYTE LM_PLUS_CUSD_REQ 41


/*
Command:        %CCBS
                Call Completion Busy Subscriber
*/
STRING(C_PERCENT_CCBS_ERS_1, "AT%CCBS=,1" )
BYTE LC_PERCENT_CCBS_ERS_1 10
STRING(C_PERCENT_CCBS_ERS_ALL, "AT%CCBS=,0" )
BYTE LC_PERCENT_CCBS_ERS_ALL 10
STRING(C_PERCENT_CCBS_ITRG, "AT%CCBS?" )
BYTE LC_PERCENT_CCBS_ITRG 8

/*
Message:        +CCWA:
                Indication of Call Completion Busy Subscriber
*/
STRING(M_PERCENT_CCBS_ITRG_N1, "%CCBS: 2,1,\"493039094123\",145,,,1" )
BYTE LM_PERCENT_CCBS_ITRG_N1 33
STRING(M_PERCENT_CCBS_ITRG_N2, "%CCBS: 2,2,\"493039094456\",145,,,4" )
BYTE LM_PERCENT_CCBS_ITRG_N2 33
STRING(M_PERCENT_CCBS_ITRG_N3, "%CCBS: 2,4,\"493039094789\",145,,,2" )
BYTE LM_PERCENT_CCBS_ITRG_N3 33
STRING(M_PERCENT_CCBS_ITRG_P, "%CCBS: 1" )
BYTE LM_PERCENT_CCBS_ITRG_P 8
STRING(M_PERCENT_CCBS_ITRG_NP, "%CCBS: 0" )
BYTE LM_PERCENT_CCBS_ITRG_NP 8

/*---------------------------------  fields ---------------------------------------- */
/* chip card identification field */
BEGINARRAY (F_ICC, 10)
```

```
                0x01, 0x02, 0x03, 0x04, 0x05, 0x06, 0x07, 0x08, 0x09, 0x00
ENDARRAY

/* current PIN */
BEGINARRAY (F_CUR_PIN, 8) 0x31, 0x32, 0x33, 0x34, 0xFF, 0xFF, 0xFF, 0xFF ENDARRAY

/* new PIN */
BEGINARRAY (F_NEW_PIN, 8) 0x39, 0x38, 0x37, 0x36, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF ENDARRAY

/* PUK */
BEGINARRAY (F_PUK, 8) 0x38, 0x37, 0x36, 0x35, 0x34, 0x33, 0x32, 0x31, 0xFF ENDARRAY

/* SIM toolkit profile */
BEGINARRAY (F_STK_PRF, 11)
                0x0A, 0x00, 0x00, 0x00, 0x00, 0x00,0x00, 0x00, 0x00,0x00,0x00
ENDARRAY

/*---------------------------------  arrays ---------------------------------- */
BEGINARRAY_PART (NUM_654321, 6) 0x06, 0x05, 0x04, 0x03, 0x02, 0x01 ENDARRAY
/* called number array */
BEGINARRAY_PART (A_CLD_NUM,11) 0x0, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9, 0x4, 0x4, 0x4, 0x4 ENDARRAY
BYTE LA_CLD_NUM 11
BEGINARRAY_PART (A_CLD_NUM_B,7) 0x0, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9 ENDARRAY
BYTE LA_CLD_NUM_B 7

/* SS version */
BEGIN_PSTRUCT ("ss_ver", A_SS_VER_2)
                SET_COMP ("len", 0x01)
                SET_COMP ("ver", A_SS_VER_2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_SS_VER_2_CONTENT, 3)  0x00, 0x00, 0x00 ENDARRAY

BEGIN_PSTRUCT ("ss_ver", A_SS_VER_1)
                SET_COMP ("len", 0x00)
                SET_COMP ("ver", A_SS_VER_1_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_SS_VER_1_CONTENT, 3) 0x00, 0x00, 0x00 ENDARRAY

/* forward Aoc FIE */
BEGINARRAY (A_FAC_AOC,45) 0xA1, 0x2B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x7D, 0x30, 0x80, 0x80, 0x01, 0x72, 0xA1, 0x1C,
0x81, 0x02, 0x00, 0x3C, 0x82, 0x02, 0x00, 0x8C, 0x83, 0x02, 0x00, 0x64, 0x84, 0x02, 0x00, 0xFA, 0x85, 0x02, 0x00, 0x00, 0x86,
0x02, 0x00, 0x00, 0x87, 0x02, 0x02, 0x58, 0x00, 0x00 ENDARRAY
BYTE LA_FAC_AOC 360
/*---------------------------------  arrays ---------------------------------- */

/* calling number array */
BEGINARRAY_PART (A_CLG_NUM,11) 0x0, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9, 0x4, 0x2, 0x2, 0x3 ENDARRAY
BYTE LA_CLG_NUM 11

/* called number modified array */
BEGINARRAY_PART (A_CLD_NUM_MDFY,11) 0x0, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9, 0x4, 0x2, 0x2, 0x3 ENDARRAY
BYTE LA_CLD_NUM_MDFY 11

/* called subaddress modified array */
BEGINARRAY_PART (A_CLD_SUB_MDFY,7) 0x1, 0x2, 0x3, 0x4, 0x5, 0x6, 0x7 ENDARRAY
BYTE LA_CLD_SUB_MDFY 7

/* international called number array */
```

```
BEGINARRAY_PART (A_CLD_NUM_INT,12)
                0x4, 0x9, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9, 0x4, 0x4, 0x4, 0x4
ENDARRAY
BYTE LA_CLD_NUM_INT 12

BEGINARRAY_PART (A_CLD_NUM_NINT,14)
                0x0, 0x0, 0x4, 0x9, 0x3, 0x0, 0x3, 0x9, 0x0, 0x9, 0x4, 0x4, 0x4, 0x4
ENDARRAY
BYTE LA_CLD_NUM_NINT 14

/* international called number array */
BEGINARRAY_PART (A_CLD_NUM_ECC,11) 0x1, 0x1, 0x2, 0x3, 0x9, 0x0, 0x9, 0x4, 0x4, 0x4, 0x4 ENDARRAY
BYTE LA_CLD_NUM_ECC 3

/*---------------------------- Line identification SS ----------------------------- */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIP_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIP_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIP_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x11
ENDARRAY

/* interrogate CLIR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIR_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIR_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIR_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x12
ENDARRAY

/* interrogate COLP FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_COLP_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_COLP_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_COLP_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x13
ENDARRAY

/* interrogate COLR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_COLR_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_COLR_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_COLR_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x14
ENDARRAY

/* interrogate result CLIP provisioned FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIP_IRGT_RES_PROV)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
```

```
                SET_COMP ("fac", A_FAC_CLIP_IRGT_RES_PROV_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIP_IRGT_RES_PROV_CONTENT,13)
                0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x06, 0x02, 0x01, 0x0E, 0x80, 0x01, 0x05
ENDARRAY

/* interrogate result CLIP not provisioned FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIP_IRGT_RES_NOTPROV)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIP_IRGT_RES_NOTPROV_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIP_IRGT_RES_NOTPROV_CONTENT,13)
                0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x06, 0x02, 0x01, 0x0E, 0x80, 0x01, 0x00
ENDARRAY

/* interrogate result CLIP unknown FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIP_IRGT_RES_UNKNOWN)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIP_IRGT_RES_UNKNOWN_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIP_IRGT_RES_UNKNOWN_CONTENT,10)
                0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x06, 0x02, 0x01, 0x0E
ENDARRAY

/* interrogate result CLIR provisioned temp allowed FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIR_IRGT_RES_PVTMAL)
                SET_COMP ("l_fac", 0x0090)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT,18)
                0xA2, 0x10, 0x02, 0x01, 0x00, 0x30, 0x0B, 0x02, 0x01, 0x0E, 0xA4, 0x06, 0x04, 0x01, 0x05, 0x0A,    0x01, 0x02
ENDARRAY

/* interrogate result CLIR provisioned temp allowed FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLIR_IRGT_RES_PVTMAL2)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT2)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLIR_IRGT_RES_PVTMAL_CONTENT2,13)
                0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x06, 0x02, 0x01, 0x0E, 0x80, 0x01, 0x00
ENDARRAY

/*------------------------------  Call waiting SS------------------------------------ */
/* interrogate CCWA FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_IRGT_CONTENT,13)
                0xA1, 0x0B, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0x30, 0x03, /* Sequence Tag, Length */
```

```
                0x04, 0x01, 0x41 /* SS Code Tag (Octet String Tag), Length, Value (Call Waiting) */
                /*
                 * No specification of optional basic Service! Note that Condat decided to no longer use
                 * 2 specific enquiries but one general one, see ACI-FIX-1666
                 */
ENDARRAY

/* interrogate result CCWA FIE, one FIE for both teleservices and bearer services */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_IRGT_RES)
                SET_COMP ("l_fac", 168)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_IRGT_RES_CONTENT,21)
                0xA2, 0x13, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x0E, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA2, 0x09, /* BasicServiceGroupList Tag, Length */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech transmission services) */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all FAX transmission services) */
                0x82, 0x01, 0x10 /* BearerService Tag, Length, Value (all data CDA services) */
ENDARRAY

/* interrogate result CCWA FIE, one FIE for both teleservices and bearer services, length of parameters unknown */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_IRGT_RES2)
                SET_COMP ("l_fac", 184)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_IRGT_RES_CONTENT2)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_IRGT_RES_CONTENT2,21)
                0xA2, 0x15, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x10, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA2, 0x80, /* BasicServiceGroupList Tag, Length (unknown) */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech transmission services) */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all FAX transmission services) */
                0x82, 0x01, 0x10, /* BearerService Tag, Length, Value (all data CDA services) */
                0x00, 0x00 /* end */
ENDARRAY

/* activate CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_ACT_V)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_ACT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_ACT_V_CONTENT,16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x41, 0x83, 0x01, 0x10
ENDARRAY

/* activate result CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_ACT_V_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
```

```
                SET_COMP ("fac", A_FAC_CCWA_ACT_V_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_ACT_V_RES_CONTENT,23)
                0xA2, 0x15, 0x02, 0x01, 0x00, 0x30, 0x10, 0x02, 0x01, 0x0C, 0xA3, 0x0B, 0x04, 0x01, 0x41, 0x84,    0x01, 0x05,
0x30, 0x03, 0x83, 0x01, 0x10
ENDARRAY

/* activate result CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_ACT_V_RES2)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_ACT_V_RES2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_ACT_V_RES2_CONTENT,10)
                0xA2, 0x08, 0x02, 0x01, 0x00, 0x30, 0x03, 0x02, 0x01, 0x0C
ENDARRAY

/* deactivate CCWA voice/fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_DEACT_VF )
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_DEACT_VF_CONTENT,16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x41, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate result CCWA voice/fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_DEACT_VF_RES_CONTENT )
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_DEACT_VF_RES_CONTENT ,23)
                0xA2, 0x15, 0x02, 0x01, 0x00, 0x30, 0x10, 0x02, 0x01, 0x0D, 0xA3, 0x0B, 0x04, 0x01, 0x41, 0x84,    0x01, 0x04,
0x30, 0x03, 0x83, 0x01, 0x10
ENDARRAY

/* deactivate error result CCWA voice/fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_DEACT_VF_ERR_RES )
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_DEACT_VF_ERR_RES_CONTENT )
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_DEACT_VF_ERR_RES_CONTENT ,8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x24
ENDARRAY

/* deactivate CCWA data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_DEACT_D )
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_DEACT_D_CONTENT,16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x41, 0x82, 0x01, 0x00
ENDARRAY
```

```
/* deactivate result CCWA voice/fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_DEACT_D_RES_CONTENT )
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_DEACT_D_RES_CONTENT ,23)
                0xA2, 0x15, 0x02, 0x01, 0x01, 0x30, 0x10, 0x02, 0x01, 0x0D, 0xA3, 0x0B, 0x04, 0x01, 0x41, 0x84,    0x01, 0x04,
0x30, 0x03, 0x82, 0x01, 0x00
ENDARRAY


/* activate CCWA data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_ACT_D_CONTENT,16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x41, 0x82, 0x01, 0x00
ENDARRAY

/* activate result CCWA data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCWA_ACT_D_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCWA_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCWA_ACT_D_RES_CONTENT,23)
                0xA2, 0x15, 0x02, 0x01, 0x00, 0x30, 0x10, 0x02, 0x01, 0x0C, 0xA3, 0x0B, 0x04, 0x01, 0x41, 0x84,    0x01, 0x05,
0x30, 0x03, 0x82, 0x01, 0x00
ENDARRAY

/*---------------------------------  Call forwarding SS ---------------------------------- */
/* interrogate CCFC CFU FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_IRGT_CONTENT,13)
                0xA1, 0x0B, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0x30, 0x03, /* Sequence Tag, Length */
                0x04, 0x01, 0x21 /* SS Code Tag (Octet String Tag), Length, Value (CFU) */
                /*
                 * No specification of optional basic Service! Note that Condat decided to no longer use
                 * 2 specific enquiries but one general one, see ACI-FIX-1666
                 */
ENDARRAY

/* interrogate CCFC CFB FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_IRGT_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_CCFC_CFB_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x29
ENDARRAY

/* interrogate CCFC CFNRY FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x2A
ENDARRAY

/* interrogate CCFC CFNRC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_IRGT_CONTENT,13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x2B
ENDARRAY

/* interrogate result CCFC CFU FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_IRGT_RES)
                SET_COMP ("l_fac", 36 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_IRGT_RES_CONTENT,36)
                0xA2, 0x22, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x1D, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA3, 0x18, /* forwardingFeatureList */
                0x30, 0x06, /* Sequence Tag, Length */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech transmission services) */
                0x84, 0x01, 0x04, /* ss-Status Tag, Length, Value (provisioned) */
                0x30, 0x06, /* Sequence Tag, Length */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all FAX transmission services) */
                0x84, 0x01, 0x04, /* ss-Status Tag, Length, Value (provisioned) */
                0x30, 0x06, /* Sequence Tag, Length */
                0x82, 0x01, 0x10, /* BearerService Tag, Length, Value (all data CDA services) */
                0x84, 0x01, 0x04 /* ss-Status Tag, Length, Value (provisioned) */
ENDARRAY

/* interrogate result CCFC CFB FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_IRGT_RES)
                SET_COMP ("l_fac", 60 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_IRGT_RES_CONTENT,60)
                0xA2, 0x3A,
                0x02, 0x01, 0x00,
                0x30, 0x35,
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                0x02, 0x01, 0x0E,
                /* begin of parameters */
                0xA3, 0x30,
                0x30, 0x12,
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech transmission services) */
                0x84, 0x01, 0x07, /* ss-Status Tag, Length, Value (provisioned, active, registered) */
                0x85, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x44, 0x44, /* forwarded to number */
                0x86, 0x01, 0x04, /* forwarding options */
                0x30, 0x06,
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all FAX transmission services) */
                0x84, 0x01, 0x00, /* ss-Status Tag, Length, Value (nothing, e.g. not provisioned) */
                0x30, 0x12,
                0x82, 0x01, 0x10, /* BearerService Tag, Length, Value (all data CDA services) */
                0x84, 0x01, 0x07, /* ss-Status Tag, Length, Value (provisioned, active, registered) */
                0x85, 0x07, 0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, /* forwarded to number */
                0x86, 0x01, 0x04 /* forwarding options */
ENDARRAY


/* interrogate result CCFC CFNRY FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_IRGT_RES)
                SET_COMP ("l_fac", 51 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_IRGT_RES_CONTENT,51)
                0xA2, 0x31,
                0x02, 0x01, 0x00,
                0x30, 0x2C,
                0x02, 0x01, 0x0E,
                /* begin of parameters */
                0xA3, 0x27, /* forwardingFeatureList */
                0x30, 0x15,
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech transmission services) */
                0x84, 0x01, 0x07, /* ss-Status Tag, Length, Value (provisioned, active, registered) */
                0x85, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x44, 0x44, /* forwarded to number */
                0x86, 0x01, 0x04, /* forwarding options  */
                0x87, 0x01, 0x0A, /* noReplyConditionTime */
                0x30, 0x06,
                0x83, 0x01, 0x60,  /* TeleService Tag, Length, Value (all FAX transmission services) */
                0x84, 0x01, 0x07, /* ss-Status Tag, Length, Value (provisioned, active, registered) */
                /* note that nevertheless no forwarded to number is present, although this is contradicting 04.82 */
                /* this test vector seems to test if ACI implementation is robust if networks erroneously stick to */
                /* ASN.1 purely where ALL elements are syntactically optional and it tests the 07.07 implied */
                /* syntax of the CCFC response command for the query case which reads that the forwarded to number */
                /* and all following parameters can be omitted */
                0x30, 0x06,
                0x82, 0x01, 0x10, /* BearerService Tag, Length, Value (all data CDA services) */
                0x84, 0x01, 0x04 /* ss-Status Tag, Length, Value (provisioned, not registered) */
ENDARRAY


/* interrogate result CCFC CFNRC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_IRGT_RES)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_IRGT_RES_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_IRGT_RES_CONTENT,13)
                0xA2, 0x0B, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x01, /* Invoke ID Tag, Length, Value */
                0x30, 0x06, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0x80, 0x01, 0x04 /* ss-Status Tag, Length, Value (provisioned, not registered) */
ENDARRAY

/* register CCFC CFU Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_REG_VF)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_REG_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_REG_VF_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x21, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC CFU Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_REG_D)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_REG_D_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x21, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC CFB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_REG_VF)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_REG_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_REG_VF_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x29, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC CFB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_REG_D)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_REG_D_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC CFNRY Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_REG_VF)
                SET_COMP ("l_fac", 0x0110)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_REG_VF_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_REG_VF_CONTENT, 34)
        0xA1, 0x20, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x18, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65, 0x85, 0x01,          0x10
ENDARRAY

/* register CCFC CFNRY Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_REG_D)
        SET_COMP ("l_fac", 0x0110)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRY_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_REG_D_CONTENT, 34)
        0xA1, 0x20, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x18, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65, 0x85, 0x01,          0x10
ENDARRAY

/* register CCFC CFNRC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_REG_VF)
        SET_COMP ("l_fac", 0x00F8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRC_REG_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_REG_VF_CONTENT, 31)
        0xA1, 0x1D, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC CFNRC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_REG_D)
        SET_COMP ("l_fac", 0x00F8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRC_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_REG_D_CONTENT, 31)
        0xA1, 0x1D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC all CF Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_REG_VF)
        SET_COMP ("l_fac", 0x00F8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_ALLCF_REG_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_REG_VF_CONTENT, 31)
        0xA1, 0x1D, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x20, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC all CF Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_REG_D)
        SET_COMP ("l_fac", 0x00F8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_ALLCF_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_REG_D_CONTENT, 31)
        0xA1, 0x1D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x20, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
```

```
ENDARRAY

/* register CCFC all CFC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_REG_VF)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_REG_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_REG_VF_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x28, 0x83, 0x01, 0x80,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* register CCFC all CFC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_REG_D)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_REG_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_REG_D_CONTENT, 31)
                0xA1, 0x1D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0A, 0x30, 0x15, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00,    0x84, 0x07,
0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, 0x86, 0x04, 0x80, 0x21, 0x43, 0x65
ENDARRAY

/* erase CCFC CFU Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_ERS_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC CFU Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_ERS_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC CFB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_ERS_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC CFB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_ERS_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
```

```
                SET_COMP ("fac", A_FAC_CCFC_CFB_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00
ENDARRAY

/* erase CCFC CFNRY Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_ERS_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC CFNRY Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_ERS_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00
ENDARRAY

/* erase CCFC CFNRC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_ERS_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC CFNRC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_ERS_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00
ENDARRAY

/* erase CCFC all CF Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCF_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_ERS_VF_C ONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x20, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC all CF Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_ERS_D)
```

```
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCF_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x20, 0x82, 0x01, 0x00
ENDARRAY

/* erase CCFC all CFC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_ERS_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_ERS_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_ERS_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x80
ENDARRAY

/* erase CCFC all CFC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_ERS_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_ERS_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_ERS_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC CFU Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x80
ENDARRAY

/* activate CCFC CFU Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x21, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC CFB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x80
ENDARRAY
```

```
/* activate CCFC CFB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC CFNRY Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x80
ENDARRAY

/* activate CCFC CFNRY Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRY_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC CFNRC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x80
ENDARRAY

/* activate CCFC CFNRC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFNRC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC all CF Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCF_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x20, 0x83, 0x01, 0x80
```

```
ENDARRAY

/* activate CCFC all CF Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCF_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x20, 0x82, 0x01, 0x00
ENDARRAY

/* activate CCFC all CFC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x80
ENDARRAY

/* activate CCFC all CFC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC CFU Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC CFU Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFU_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFU_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFU_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x21, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC CFB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_CFB_DEACT_VF_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_CCFC_CFB_DEACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC CFB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFB_DEACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFB_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFB_DEACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC CFNRY Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_DEACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRY_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_DEACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC CFNRY Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRY_DEACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRY_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRY_DEACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC CFNRC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_DEACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_DEACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC CFNRC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_CFNRC_DEACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCFC_CFNRC_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_CFNRC_DEACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC all CF Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_DEACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
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                SET_COMP ("fac", A_FAC_CCFC_ALLCF_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x20, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC all CF Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCF_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCF_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCF_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x20, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CCFC all CFC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CCFC all CFC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCFC_ALLCFC_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCFC_ALLCFC_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCFC_ALLCFC_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00
ENDARRAY


/*------------------------------ SS Notify ---------------------------------- */
/* SS notify  FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_NTFY_SS_1)
                SET_COMP ("l_fac", 0x01A8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_NTFY_SS_1_CONTENT)
ENDSTRUCT
BEGINARRAY (A_FAC_NTFY_SS_1_CONTENT, 53)
                0xA1, 0x33, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x10, /* Operation Code Tag (NotifySS), Length, Value */
                0x30, 0x2B, /* Sequence Tag, Length */
                0x81, 0x01, 0x21, /* SS Code Tag, Length, Value */
                0x84, 0x01, 0x07, /* SS Status Tag, Length, Value */
                0x8E, 0x00, /* Call Waiting Indicator Tag, Length */
                0x8F, 0x01, 0x01, /* Call Hold Indicator Tag, Length, Value */
                0x90, 0x00, /* MPTY Indicator Tag, Length */
                0x91, 0x02, 0x00, 0x05, /* CUG Index Tag, Length Value */
                0x92, 0x00, /* CLIR Suppression Indicator Tag, Length */
                0xB3, 0x16, /* ECT-Indicator Tag, Length */
                0x80, 0x01, 0x00, /* ECT Call State Tag, Length Value */
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                0xA1, 0x11, /* RDN Tag, Length */
                0xA0, 0x0F, /* Presentation Allowed Tag, Length */
                0x80, 0x07, 0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, /* PartyNumber Tag, Length, Value */
                0x81, 0x04, 0x80, 0x21, 0x43, 0x65 /* PartySubaddress Tag, Length, Value */
ENDARRAY

/* SS notify  FIE for ECT in alerting state and override case, ACISS082*/
BEGIN_PSTRUCT ("fac_inf", A_FAC_NTFY_SS_FD)
                SET_COMP ("l_fac", 8*18)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_NTFY_SS_FD_CONTENT)
ENDSTRUCT

BEGINARRAY (A_FAC_NTFY_SS_FD_CONTENT, 18)
                0xA1, 0x10, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x10, /* Operation Code Tag (NotifySS), Length, Value */
                0x30, 0x80, /* Sequence Tag, Length */
                0x81, 0x01, 0x29,
                0x85, 0x01, 0x02,
                0x00, 0x00
ENDARRAY

/* SS notify  FIE for ECT in alerting state and override case, ACISS082*/
BEGIN_PSTRUCT ("fac_inf", A_FAC_NTFY_SS_ECT_RSTR)
                SET_COMP ("l_fac", 0x0110)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_NTFY_SS_ECT_RSTR_CONTENT)
ENDSTRUCT
BEGINARRAY (A_FAC_NTFY_SS_ECT_RSTR_CONTENT, 34)
                0xA1, 0x20, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x10, /* Operation Code Tag (NotifySS), Length, Value */
                0x30, 0x18, /* Sequence Tag, Length */
                0xB3, 0x16, /* ECT-Indicator Tag, Length */
                0x80, 0x01, 0x00, /* ECT Call State Tag, Length Value */
                0xA1, 0x11, /* RDN Tag, Length */
                0xA3, 0x0F, /* Presentation Restricted Tag, Length */
                0x80, 0x07, 0x81, 0x30, 0x30, 0x09, 0x49, 0x22, 0xF3, /* PartyNumber Tag, Length, Value */
                0x81, 0x04, 0x80, 0x21, 0x43, 0x65 /* PartySubaddress Tag, Length, Value */
ENDARRAY



/* check SS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CHECK_SS)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CHECK_SS_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CHECK_SS_CONTENT, 8)
                0xA1, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x26
ENDARRAY

/*---------------------------------- CUG control ----------------------------------- */
/* CUG index 5 suppress both FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CUG_SS_1)
                SET_COMP ("l_fac", 0x0090)
```

```
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CUG_SS_1_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CUG_SS_1_CONTENT, 18)
                0xA1, 0x10, 0x02, 0x01, 0x00, 0x02, 0x01, 0x78, 0x30, 0x08, 0x80, 0x02, 0x00, 0x05, 0x81, 0x00,     0x82, 0x00
ENDARRAY

/* CUG defaults FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CUG_SS_2)
                SET_COMP ("l_fac", 0x0070)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CUG_SS_2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CUG_SS_2_CONTENT, 14)
                0xA1, 0x0C, 0x02, 0x01, 0x00, 0x02, 0x01, 0x78, 0x30, 0x04, 0x80, 0x02, 0x00, 0x00
ENDARRAY

/*---------------------------------- Register Password ----------------------------------- */
/* invoke register PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CPWD_ALLCB_REG)
                SET_COMP ("l_fac", 0x0058)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CPWD_ALLCB_REG_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CPWD_ALLCB_REG_CONTENT, 11)
                0xA1, 0x09, 0x02, 0x01, 0x00, 0x02, 0x01, 0x11, 0x04, 0x01, 0x90
ENDARRAY

/* invoke get PWD, enter PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_ENTER_PWD_REQ)
                SET_COMP ("l_fac", 0x0070)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_ENTER_PWD_REQ_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_ENTER_PWD_REQ_CONTENT, 14)
                0xA1, 0x0C, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x01, /* Invoke ID Tag, Length, Value */
                0x80, 0x01, 0x00, /* Linked ID Tag, Length, Value */
                0x02, 0x01, 0x12, /* Operation Code Tag (GetPassword), Length, Value */
                0x0A, 0x01, 0x00 /* GuidanceInfo Tag, Length, Value (enterPW) */
ENDARRAY

/* 2nd invoke get PWD, enter PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_ENTER_PWD_REQ_2)
                SET_COMP ("l_fac", 0x0070)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_ENTER_PWD_REQ_2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_ENTER_PWD_REQ_2_CONTENT, 14)
                0xA1, 0x0C, 0x02, 0x01, 0x81, 0x80, 0x01, 0x00, 0x02, 0x01, 0x12, 0x0A, 0x01, 0x00
ENDARRAY

/* result get PWD, enter PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_ENTER_PWD_RES)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_ENTER_PWD_RES_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_ENTER_PWD_RES_CONTENT, 16)
        0xA2, 0x0E, 0x02, 0x01, 0x01, 0x30, 0x09, 0x02, 0x01, 0x12, 0x12, 0x04, 0x31, 0x32, 0x33, 0x34
ENDARRAY

/* 2nd result get PWD, enter PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_ENTER_PWD_RES_2)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_ENTER_PWD_RES_2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_ENTER_PWD_RES_2_CONTENT, 16)
        0xA2, 0x0E, 0x02, 0x01, 0x81, 0x30, 0x09, 0x02, 0x01, 0x12, 0x12, 0x04, 0x31, 0x32, 0x33, 0x34
ENDARRAY

/* invoke get PWD, enter new PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_NEW_PWD_REQ)
        SET_COMP ("l_fac", 0x0070)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_NEW_PWD_REQ_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_NEW_PWD_REQ_CONTENT, 14)
        0xA1, 0x0C, 0x02, 0x01, 0x81, 0x80, 0x01, 0x00, 0x02, 0x01, 0x12, 0x0A, 0x01, 0x01
ENDARRAY

/* result get PWD, enter new PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_NEW_PWD_RES)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_NEW_PWD_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_NEW_PWD_RES_CONTENT, 16)
        0xA2, 0x0E, 0x02, 0x01, 0x81, 0x30, 0x09, 0x02, 0x01, 0x12, 0x12, 0x04, 0x39, 0x38, 0x37, 0x36
ENDARRAY

/* invoke get PWD, enter new PWD again FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_NEWAGN_PWD_REQ)
        SET_COMP ("l_fac", 0x0070)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_NEWAGN_PWD_REQ_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_NEWAGN_PWD_REQ_CONTENT, 14)
        0xA1, 0x0C, 0x02, 0x01, 0x82, 0x80, 0x01, 0x00, 0x02, 0x01, 0x12, 0x0A, 0x01, 0x02
ENDARRAY

/* result get PWD, enter new PWD again FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_NEWAGN_PWD_RES)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_NEWAGN_PWD_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_NEWAGN_PWD_RES_CONTENT, 16)
        0xA2, 0x0E, 0x02, 0x01, 0x82, 0x30, 0x09, 0x02, 0x01, 0x12, 0x12, 0x04, 0x39, 0x38, 0x37, 0x36
ENDARRAY

/* result register PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CPWD_ALLCB_RES)
        SET_COMP ("l_fac", 0x00A0)
        SET_COMP ("o_fac", 0x0000)
```

```
                SET_COMP ("fac", A_FAC_CPWD_ALLCB_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CPWD_ALLCB_RES_CONTENT, 20)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x80, 0x02, 0x01, 0x11, 0x12, 0x04, 0x31, 0x32, 0x33, 0x34,     0x00, 0x00,
0x00, 0x00
ENDARRAY

/* error register PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CPWD_ALLCB_ERR_1)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CPWD_ALLCB_ERR_1_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CPWD_ALLCB_ERR_1_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x13
ENDARRAY

/* error register PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CPWD_ALLCB_ERR_2)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CPWD_ALLCB_ERR_2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CPWD_ALLCB_ERR_2_CONTENT, 10)
                0xA3, 0x80, 0x02, 0x01, 0x00, 0x02, 0x01, 0x26, 0x00, 0x00
ENDARRAY

/* error register PWD FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CPWD_ALLCB_ERR_3)
                SET_COMP ("l_fac", 0x0058)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CPWD_ALLCB_ERR_3_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CPWD_ALLCB_ERR_3_CONTENT, 11)
                0xA3, 0x09, 0x02, 0x01, 0x00, 0x02, 0x01, 0x25, 0x0A, 0x01, 0x02
ENDARRAY

/*------------------------------  Call barring SS ------------------------------ */
/* interrogate CLCK BAOC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x92
ENDARRAY

/* interrogate CLCK BOIC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x93
ENDARRAY
```

```
/* interrogate CLCK BAOC ex HC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x94
ENDARRAY

/* interrogate CLCK BAIC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x9A
ENDARRAY

/* interrogate CLCK BICR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x9B
ENDARRAY

/* activate CLCK all CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x90, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK all CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x90, 0x82, 0x01, 0x00
ENDARRAY

/* activate CLCK all out CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x91, 0x83, 0x01, 0x80
```

```
ENDARRAY

/* activate CLCK all out CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x91, 0x82, 0x01, 0x00
ENDARRAY

/* activate CLCK all in CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x99, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK all in CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x99, 0x82, 0x01, 0x00
ENDARRAY

/* activate CLCK BAOC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x92
ENDARRAY

/* activate CLCK BAOC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x92, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK BAOC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ALL_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ALL_ACT_VF_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ALL_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x92, 0x83, 0x01, 0x00
ENDARRAY

/* activate CLCK BAOC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x92, 0x82, 0x01, 0x00
ENDARRAY

/* activate CLCK BOIC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ACT)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOIC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ACT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x93
ENDARRAY

/* activate CLCK BOIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOIC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x93, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK BOIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ALL_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOIC_ALL_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ALL_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x93, 0x83, 0x01, 0x00
ENDARRAY

/* activate CLCK BOIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOIC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x93, 0x82, 0x01, 0x00
ENDARRAY
/* activate CLCK BOIC ex HC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ACT)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ACT_CONTENT)
```

```
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ACT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x94
ENDARRAY

/* activate CLCK BOIC ex HC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x94, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK BOIC ex HC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ALL_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ALL_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ALL_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x94, 0x83, 0x01, 0x00
ENDARRAY

/* activate CLCK BOIC ex HC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x94, 0x82, 0x01, 0x00
ENDARRAY
/* activate CLCK BAIC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ACT)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BAIC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ACT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x9A
ENDARRAY

/* activate CLCK BAIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BAIC_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK BAIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ALL_ACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
```

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                SET_COMP ("fac", A_FAC_CLCK_BAIC_ALL_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ALL_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x83, 0x01, 0x00
ENDARRAY

/* activate CLCK BAIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x82, 0x01, 0x00
ENDARRAY

/* activate CLCK BICR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x9B
ENDARRAY

/* activate CLCK BICR Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x83, 0x01, 0x80
ENDARRAY

/* activate CLCK BICR Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ALL_ACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ALL_ACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ALL_ACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x83, 0x01, 0x00
ENDARRAY

/* activate CLCK BICR CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK all CB Voice/Fax FIE */ //ENZ
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_DEACT_VF_RES)
```

```
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x90, 0x30,   0x08, 0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK all CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0D, 0x30, 0x0D, 0x04, 0x01, 0x90, 0x30,   0x08, 0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK all out CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x91, 0x30,   0x08, 0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK all out CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x91, 0x30,   0x08, 0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK all in CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x99, 0x30,   0x08, 0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK all in CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_DEACT_D_RES_CONTENT)
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ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x99, 0x30,    0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BAOC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,    0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BAOC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,    0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BAOC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,    0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,    0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES_CONTENT, 25)
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                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC ex HC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_DACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_DACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_DACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC ex HC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ALL_DACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ALL_DACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ALL_DACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BOIC ex HC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_DACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_DACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_DACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BAIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY
```

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/* deactivate CLCK BAIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BAIC Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BICR Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BICR Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ALL_DEACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ALL_DEACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ALL_DEACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* deactivate CLCK BICR Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_DEACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_DEACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_DEACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY


/* deactivate CLCK all CB Voice/Fax FIE */
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BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x90, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK all CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLCB_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x90, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK all out CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x91, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK all out CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x91, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK all in CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x99, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK all in CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x99, 0x82, 0x01, 0x00
ENDARRAY
```

```
/* deactivate CLCK BAOC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x92, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK BAOC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ALL_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ALL_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ALL_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x92, 0x83, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BAOC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x92, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BOIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x93, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK BOIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ALL_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_ALL_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ALL_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x93, 0x83, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BOIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_DEACT_D_CONTENT, 16)
```

```
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x93, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BOIC ex HC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x94, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK BOIC ex HC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ALL_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ALL_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ALL_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x94, 0x83, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BOIC ex HC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_DEACT_D_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x94, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BAIC Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK BAIC Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ALL_DEACT_VF)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ALL_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ALL_DEACT_VF_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x83, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BAIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_DEACT_D)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_DEACT_D_CONTENT)
```

```
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_DEACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9A, 0x82, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BICR Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_DEACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BICR_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_DEACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x83, 0x01, 0x80
ENDARRAY

/* deactivate CLCK BICR Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ALL_DEACT_VF)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BICR_ALL_DEACT_VF_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ALL_DEACT_VF_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x83, 0x01, 0x00
ENDARRAY

/* deactivate CLCK BICR CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_DEACT_D)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_BICR_DEACT_D_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_DEACT_D_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x01, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x9B, 0x82, 0x01, 0x00
ENDARRAY

/* activate result CLCK all CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_ACT_VF_RES)
        SET_COMP ("l_fac", 0x00D0)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_ALLCB_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_ACT_VF_RES_CONTENT, 25)
        0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x90, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK all CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLCB_ACT_D_RES)
        SET_COMP ("l_fac", 0x00D0)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CLCK_ALLCB_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLCB_ACT_D_RES_CONTENT, 25)
        0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x90, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK all out CB Voice/Fax FIE */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x91, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK all out CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLOUT_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLOUT_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLOUT_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x91, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK all in CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x99, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK all in CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_ALLIN_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_ALLIN_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_ALLIN_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x99, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAOC CB FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_RES_CONTENT, 22)
                0xA2, 0x15, 0x02, 0x01, 0x00, 0x30, 0x10, 0x02, 0x01, 0x0C, 0xA1, 0x0A, 0x04, 0x01, 0x92, 0x30,   0x05,0x30,
0x03, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAOC CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
```

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                SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAOC CB Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ALL_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ALL_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ALL_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAOC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAOC_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAOC_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAOC_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOIC CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOIC CB Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ALL_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_ALL_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ALL_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOIC_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOIC_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOIC_ACT_D_RES_CONTENT, 25)
```

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                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x93, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOICxHC CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOICxHC CB Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BOIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BOICxHC_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BOICxHC_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BOICxHC_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x94, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAIC CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BAIC CB Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ALL_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ALL_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ALL_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY
```

```
/* activate result CLCK BAIC CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BAIC_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BAIC_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BAIC_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9A, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BICR CB Voice/Fax FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x80, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BICR CB Voice/Fax/SMS FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ALL_ACT_VF_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ALL_ACT_VF_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ALL_ACT_VF_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/* activate result CLCK BICR CB Data FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CLCK_BICR_ACT_D_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CLCK_BICR_ACT_D_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CLCK_BICR_ACT_D_RES_CONTENT, 25)
                0xA2, 0x18, 0x02, 0x01, 0x01, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0D, 0x04, 0x01, 0x9B, 0x30,   0x08,0x30,
0x06, 0x82, 0x01, 0x00, 0x84, 0x01, 0x07
ENDARRAY

/*----------------------------------  unstructured SS data ----------------------------------- */
/* unstructured SS request FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_REQ)
                SET_COMP ("l_fac", 0x0130)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_REQ_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_REQ_CONTENT, 38)
                0xA1, 0x24, 0x02, 0x01, 0x80, 0x02, 0x01, 0x3C, 0x30, 0x1C, 0x04, 0x01, 0xA5, 0x04, 0x17, 0x61, 0xF1,   0x98,
0x5C, 0x36, 0x9F, 0xD1, 0x69, 0xF5, 0x9A, 0xDD, 0x76, 0xBF, 0xE1, 0x71, 0xF9, 0x9C, 0x5E, 0xB7,   0xDF, 0xF1, 0x79, 0x3D
ENDARRAY

/* unstructured SS notify FIE */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_NTFY)
                SET_COMP ("l_fac", 0x0130)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_NTFY_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_NTFY_CONTENT, 38)
                0xA1, 0x24, 0x02, 0x01, 0x80, 0x02, 0x01, 0x3D, 0x30, 0x1C, 0x04, 0x01, 0xA5, 0x04, 0x17, 0x61,    0xF1, 0x98,
0x5C, 0x36, 0x9F, 0xD1, 0x69, 0xF5, 0x9A, 0xDD, 0x76, 0xBF, 0xE1, 0x71, 0xF9, 0x9C, 0x5E,         0xB7, 0xDF, 0xF1, 0x79, 0x3D
ENDARRAY

/* process unstructured SS request FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC)
                SET_COMP ("l_fac", 0x0140)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_CONTENT, 40)
                0xA1, 0x26, 0x02, 0x01, 0x00, 0x02, 0x01, 0x3B, 0x30, 0x1E, 0x04, 0x01, 0x00, 0x04, 0x19, 0x41,    0xE1, 0x90,
0x58, 0x34, 0x1E, 0x91, 0x49, 0xE5, 0x92, 0xD9, 0x74, 0x3E, 0xA1, 0x51, 0xE9, 0x94, 0x5A,          0xB5, 0x5E, 0xB1, 0x59, 0x2D,
0x40, 0x00
ENDARRAY

/* process unstructured SS request FIE initiated by KSD */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC_KSD)
                SET_COMP ("l_fac", 0x00A0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_KSD_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_KSD_CONTENT, 20)
                0xA1, 0x12, 0x02, 0x01, 0x00, 0x02, 0x01, 0x3B, 0x30, 0x0A, 0x04, 0x01, 0x0F, 0x04, 0x05, 0x2A,    0x15, 0x0C,
0x36, 0x02
ENDARRAY

/* unstructured SS request result FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_REQ_RES)
                SET_COMP ("l_fac", 0x0150)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_REQ_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_REQ_RES_CONTENT, 42)
                0xA2, 0x28, 0x02, 0x01, 0x80, 0x30, 0x23, 0x02, 0x01, 0x3C, 0x30, 0x1E, 0x04, 0x01, 0x00, 0x04,    0x19, 0x41,
0xE1, 0x90, 0x58, 0x34, 0x1E, 0x91, 0x49, 0xE5, 0x92, 0xD9, 0x74, 0x3E, 0xA1, 0x51, 0xE9,          0x94, 0x5A, 0xB5, 0x5E, 0xB1,
0x59, 0x2D, 0x40, 0x00
ENDARRAY

/* unstructured SS data result FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_DAT_RES)
                SET_COMP ("l_fac", 0x0138)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_DAT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_DAT_RES_CONTENT, 39)
                0xA2, 0x25, 0x02, 0x01, 0x01, 0x30, 0x1F, 0x02, 0x01, 0x13, 0x16, 0x1A, 0x61, 0x62, 0x63, 0x64,    0x65, 0x66,
0x67, 0x68, 0x69, 0x6A, 0x6B, 0x6C, 0x6D, 0x6E, 0x6F, 0x70, 0x71, 0x72, 0x73, 0x74,                0x75, 0x76, 0x77, 0x78, 0x79,
0x7A
ENDARRAY

/* unstructured SS notify result FIE */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_NTFY_RES)
                SET_COMP ("l_fac", 0x0028)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_NTFY_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_NTFY_RES_CONTENT, 5)
                0xA2, 0x03, 0x02, 0x01, 0x80
ENDARRAY

/* process unstructured SS request result  FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC_RES)
                SET_COMP ("l_fac", 0x0158)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_RES_CONTENT, 40)
                0xA2, 0x26, 0x02, 0x01, 0x00, 0x30, 0x24, 0x02, 0x01, 0x3B, 0x30, 0x1C, 0x04, 0x01, 0xA5, 0x04,    0x17, 0x61,
0xF1, 0x98, 0x5C, 0x36, 0x9F, 0xD1, 0x69, 0xF5, 0x9A, 0xDD, 0x76, 0xBF, 0xE1, 0x71, 0xF9,          0x9C, 0x5E, 0xB7, 0xDF,
0xF1, 0x79, 0x3D
ENDARRAY

/* process unstructured SS request FIE IA5 coded */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC_IA5)
                SET_COMP ("l_fac", 0x0130)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_IA5_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_IA5_CONTENT, 38)
                0xA1, 0x24, 0x02, 0x01, 0x01, 0x02, 0x01, 0x13, 0x16, 0x1C, 0x41, 0x42, 0x43, 0x44, 0x45, 0x46,    0x47, 0x48,
0x49, 0x4A, 0x4B, 0x4C, 0x4D, 0x4E, 0x4F, 0x50, 0x51, 0x52, 0x53, 0x54, 0x55, 0x56,                0x57, 0x58, 0x59, 0x5A, 0x40,
0x24
ENDARRAY

/* process unstructured SS request FIE inititated by KSD IA5 coded */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC_KSD_IA5)
                SET_COMP ("l_fac", 0x0078)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_KSD_IA5_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_KSD_IA5_CONTENT, 15)
                0xA1, 0x0D, 0x02, 0x01, 0x01, 0x02, 0x01, 0x13, 0x16, 0x05, 0x2A, 0x2A, 0x30, 0x30, 0x23
ENDARRAY

/* process unstructured SS reject FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_PROC_REJ)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_PROC_REJ_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_PROC_REJ_CONTENT, 8)
                0xA4, 0x06, 0x02, 0x01, 0x00, 0x81, 0x01, 0x01
ENDARRAY

/* process unstructured SS busy error FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_USSD_BUSY_ERR)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_USSD_BUSY_ERR_CONTENT)
```

```
ENDSTRUCT
BEGINARRAY_PART (A_FAC_USSD_BUSY_ERR_CONTENT, 8)
        0xA3, 0x06, 0x02, 0x01, 0x80, 0x02, 0x01, 0x48
ENDARRAY

/*------------------------------  call completion busy subscriber ------------------------------ */
/* erase CCBS entry 1 FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ERS_1)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCBS_ERS_1_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ERS_1_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x4D, 0x30, 0x06, 0x80, 0x01, 0x43, 0x81, 0x01, 0x01
ENDARRAY

/* erase CCBS all entries FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ERS_ALL)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCBS_ERS_ALL_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ERS_ALL_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x4D, 0x30, 0x03, 0x80, 0x01, 0x43
ENDARRAY

/* erase CCBS all entries FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ERS_1_RES)
        SET_COMP ("l_fac", 0x0090)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCBS_ERS_1_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ERS_1_RES_CONTENT, 18)
        0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x08, 0x02, 0x01, 0x4D, 0x30, 0x03, 0x80, 0x01, 0x43
ENDARRAY

/* erase CCBS all entries FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ERS_ALL_RES)
        SET_COMP ("l_fac", 0x0078)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCBS_ERS_ALL_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ERS_ALL_RES_CONTENT, 15)
        0xA2, 0x0D, 0x02, 0x01, 0x00, 0x30, 0x08, 0x02, 0x01, 0x4D
ENDARRAY

/* interrogate CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ITRG)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_CCBS_ITRG_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ITRG_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x43
ENDARRAY

/* interrogate result CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ITRG_3N_RES)
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```
                SET_COMP ("l_fac", 0x0250)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCBS_ITRG_3N_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ITRG_3N_RES_CONTENT, 74)
                0xA2, 0x48, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x43, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA4, 0x3E, /* genericServiceInfo Tag, Length */
                0x04, 0x01, 0x07, /* ss-Status: provisioned, registered, active */
                0xA2, 0x39, /* ccbs-FeatureList */
                0x30, 0x11, /* Sequence Tag, Length, entry #1 */
                0x80, 0x01, 0x01, /* ccbs-Index 1 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x14, 0x32, /* b-subscriber number */
                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech) */
                0x30, 0x11, /* Sequence Tag, Length, entry #2 */
                0x80, 0x01, 0x02, /* ccbs-Index 2 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x44, 0x65, /* b-subscriber number */
                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all fax) */
                0x30, 0x11, /* Sequence Tag, Length, entry #3 */
                0x80, 0x01, 0x04, /* ccbs-Index 4 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x74, 0x98, /* b-subscriber number */
                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x82, 0x01, 0x10
ENDARRAY

/* interrogate result CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ITRG_P_RES)
                SET_COMP ("l_fac", 0x0078)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCBS_ITRG_P_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ITRG_P_RES_CONTENT, 15)
                0xA2, 0x0D, 0x02, 0x01, 0x00, 0x30, 0x08, 0x02, 0x01, 0x0E,
                0xA4, 0x03,
                0x04, 0x01, 0x04 /* ss-status provisioned */
ENDARRAY

/* interrogate result CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_CCBS_ITRG_NP_RES)
                SET_COMP ("l_fac", 0x0078)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_CCBS_ITRG_NP_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_CCBS_ITRG_NP_RES_CONTENT, 15)
                0xA2, 0x0D, 0x02, 0x01, 0x00, 0x30, 0x08, 0x02, 0x01, 0x0E,
                0xA4, 0x03,
                0x04, 0x01, 0x00 /* ss-status nothing, i.e. not provisioned */
ENDARRAY

/*---------------------------------- keystroke sequences ----------------------------------- */
/* register CFNRY Voice FIE 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_REG_V)
                SET_COMP ("l_fac", 0x00D0)
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                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_REG_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_REG_V_CONTENT, 26)
        0xA1, 0x18,
        0x02, 0x01, 0x00,
        0x02, 0x01, 0x0A,
        0x30, 0x10,
        0x04, 0x01, 0x2A,
        0x83, 0x01, 0x10,
        0x84, 0x05, 0x81, 0x00, 0x34, 0x21, 0x43,
        0x85, 0x01, 0x05
ENDARRAY

/* register CFNRY Voice FIE 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_REG_VB)
                SET_COMP ("l_fac", 0x00C8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_REG_VB_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_REG_VB_CONTENT, 25)
                0xA1, 0x17, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x0F, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x10,    0x84, 0x04,
0x91, 0x34, 0x21, 0x43, 0x85, 0x01, 0x05
ENDARRAY

/* result register CFNRY Voice FIE 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_REG_RES_A)
                SET_COMP ("l_fac", 0x0110)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_REG_RES_A_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_REG_RES_A_CONTENT, 34)
                0xA2, 0x20, 0x02, 0x01, 0x00, 0x30, 0x1B, 0x02, 0x01, 0x0A, 0xA0, 0x16, 0x04, 0x01, 0x2A, 0x30,    0x11, 0x30,
0x0F, 0x83, 0x01, 0x11, 0x84, 0x01, 0x07, 0x85, 0x04, 0x91, 0x34, 0x21, 0x43, 0x87, 0x01,            0x05
ENDARRAY

/* result register CFNRY Voice FIE unlimited length coding 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_REG_RES_B)
                SET_COMP ("l_fac", 0x0168)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_REG_RES_B_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_REG_RES_B_CONTENT, 45)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x80, 0x02, 0x01, 0x0A, 0xA0, 0x80, 0x04, 0x01, 0x2A, 0x30,    0x80, 0x30,
0x80, 0x83, 0x01, 0x11, 0x84, 0x01, 0x07, 0x85, 0x05, 0x81, 0x00, 0x34, 0x21, 0x43,                0x87, 0x01, 0x05, 0x00, 0x00,
0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* register CFU Voice FIE 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_REG_V)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_REG_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFU_REG_V_CONTENT, 23)
                0xA1, 0x15, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x0D, 0x04, 0x01, 0x21, 0x83, 0x01, 0x60,    0x84, 0x05,
0x81, 0x00, 0x34, 0x21, 0x43
ENDARRAY
```

```
/* result register CFU Voice FIE 31.2.1.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_REG_RES)
                SET_COMP ("l_fac", 0x0148)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_REG_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFU_REG_RES_CONTENT, 41)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x80, 0x02, 0x01, 0x0A, 0xA0, 0x80, 0x04, 0x01, 0x21, 0x30,    0x80, 0x30,
0x80, 0x83, 0x01, 0x60, 0x84, 0x01, 0x07, 0x85, 0x04, 0x91, 0x34, 0x21, 0x43, 0x00,                0x00, 0x00, 0x00, 0x00, 0x00,
0x00, 0x00, 0x00, 0x00
ENDARRAY

/* register CFB Voice FIE 31.2.1.1.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_REG_V)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_REG_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_REG_V_CONTENT, 22)
                0xA1, 0x15, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x0D, 0x04, 0x01, 0x29, 0x82, 0x01, 0x60,    0x84, 0x05,
0x81, 0x00, 0x34, 0x21, 0x43
ENDARRAY

/* result register CFB Voice FIE 31.2.1.1.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_REG_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_REG_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_REG_RES_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A
ENDARRAY

/* register CF Voice FIE 31.2.1.1.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CF_REG_V)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CF_REG_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CF_REG_V_CONTENT, 22)
                0xA1, 0x15, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x0D, 0x04, 0x01, 0x20, 0x83, 0x01, 0x60,    0x84, 0x05,
0x81, 0x00, 0x34, 0x21, 0x43
ENDARRAY

/* result register CF Voice FIE 31.2.1.1.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CF_REG_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CF_REG_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CF_REG_RES_CONTENT, 8)
                0xA4, 0x06, 0x02, 0x01, 0x00, 0x81, 0x01, 0x03
ENDARRAY

/* erase CFC Voice FIE 31.2.1.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFC_ERS_V)
                SET_COMP ("l_fac", 0x0080)
```

```
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFC_ERS_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFC_ERS_V_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x60
ENDARRAY

/* result erase CFC Voice FIE 31.2.1.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFC_ERS_RES)
                SET_COMP ("l_fac", 0x00F8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFC_ERS_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFC_ERS_RES_CONTENT, 31)
                0xA2, 0x1D, 0x02, 0x01, 0x00, 0x30, 0x18, 0x02, 0x01, 0x0B, 0xA0, 0x80, 0x04, 0x01, 0x28, 0x30,    0x80, 0x30,
0x80, 0x83, 0x01, 0x60, 0x84, 0x01, 0x04, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* erase CFNRC Voice FIE 31.2.1.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_ERS_V)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRC_ERS_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_ERS_V_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x03, 0x04, 0x01, 0x2B
ENDARRAY

/* result erase CFNRC Voice FIE 31.2.1.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_ERS_RES)
                SET_COMP ("l_fac", 0x00B0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRC_ERS_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_ERS_RES_CONTENT, 22)
                0xA2, 0x14, 0x02, 0x01, 0x00, 0x30, 0x0F, 0x02, 0x01, 0x0B, 0xA0, 0x0A, 0x04, 0x01, 0x2B, 0x30,    0x05, 0x30,
0x03, 0x84, 0x01, 0x04
ENDARRAY

/* erase CFU Voice FIE 31.2.1.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_ERS_V)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_ERS_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFU_ERS_V_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x10
ENDARRAY

/* result erase CFU Voice FIE 31.2.1.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_ERS_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_ERS_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFU_ERS_RES_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B
ENDARRAY
```

```
/* erase CFNRY Voice FIE 31.2.1.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_ERS_V)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_ERS_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_ERS_V_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x60
ENDARRAY

/* result erase CFNRY Voice FIE 31.2.1.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_ERS_RES)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_ERS_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_ERS_RES_CONTENT, 10)
                0xA4, 0x80, 0x02, 0x01, 0x00, 0x81, 0x01, 0x03, 0x00, 0x00
ENDARRAY

/* activate CF Voice FIE 31.2.1.3 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CF_ACT_V)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CF_ACT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CF_ACT_V_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x20, 0x82, 0x01, 0x68
ENDARRAY

/* result activate CF Voice FIE 31.2.1.3 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CF_ACT_RES)
                SET_COMP ("l_fac", 0x00E8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CF_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CF_ACT_RES_CONTENT, 29)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x14, 0x02, 0x01, 0x0C, 0xA0, 0x80, 0x04, 0x01, 0x20, 0x30,    0x08, 0x30,
0x06, 0x82, 0x01, 0x68, 0x84, 0x01, 0x07, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* activate CFU Voice FIE 31.2.1.3 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_ACT_V)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_ACT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFU_ACT_V_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x21
ENDARRAY

/* result activate CFU Voice FIE 31.2.1.3 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFU_ACT_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFU_ACT_RES_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_KSD_CFU_ACT_RES_CONTENT, 26)
        0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x80, 0x02, 0x01, 0x0C, 0xA0, 0x80, 0x04, 0x01, 0x21, 0x30,  0x05, 0x30,
0x03, 0x84, 0x01, 0x07, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* deactivate CFC Voice FIE 31.2.1.4 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFC_DEACT_V)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_CFC_DEACT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFC_DEACT_V_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x10
ENDARRAY

/* result deactivate CFC Voice FIE 31.2.1.4 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFC_DEACT_RES)
        SET_COMP ("l_fac", 0x00E8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_CFC_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFC_DEACT_RES_CONTENT, 29)
        0xA2, 0x1B, 0x02, 0x01, 0x00, 0x30, 0x16, 0x02, 0x01, 0x0D, 0xA0, 0x80, 0x04, 0x01, 0x28, 0x30,  0x80, 0x30,
0x06, 0x83, 0x01, 0x11, 0x84, 0x01, 0x06, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* deactivate CFNRC Voice FIE 31.2.1.4 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_DEACT_V)
        SET_COMP ("l_fac", 0x0080)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_CFNRC_DEACT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_DEACT_V_CONTENT, 16)
        0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x60
ENDARRAY

/* result deactivate CFNRC Voice FIE 31.2.1.4 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_DEACT_RES)
        SET_COMP ("l_fac", 0x00D8)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_CFNRC_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_DEACT_RES_CONTENT, 27)
        0xA2, 0x19, 0x02, 0x01, 0x00, 0x30, 0x14, 0x02, 0x01, 0x0D, 0xA0, 0x0F, 0x04, 0x01, 0x2B, 0x30,  0x0A, 0x30,
0x80, 0x83, 0x01, 0x60, 0x84, 0x01, 0x06, 0x00, 0x00
ENDARRAY

/* interrogate CFB Voice FIE 31.2.1.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_IRGT_V)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_CFB_IRGT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_IRGT_V_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x29
ENDARRAY

/* result interrogate CFB Voice FIE 31.2.1.6.1 */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_IRGT_RES)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_IRGT_RES_CONTENT, 13)
                0xA2, 0x0B, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x06, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0x80, 0x01, 0x04 /* ss-Status Tag, Length, Value (provisioned, not active) */
ENDARRAY

/* result interrogate CFB FIE, 2nd version */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_IRGT_RES2)
                SET_COMP ("l_fac", 0x01F0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_IRGT_RES2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_IRGT_RES2_CONTENT, 62)
                0xA2, 0x3C,
                0x02, 0x01, 0x00,
                0x30, 0x37,
                0x02, 0x01, 0x0E,
                0xA3, 0x32,
                0x30, 0x06,
                0x83, 0x01, 0x80, /* TeleService Tag, Length, Value (all fax and speech transmission services) */
                0x84, 0x01, 0x07, /* provisioned, active, registered */
                /* note no forwarded to number */
                0x30, 0x0B,
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all fax transmission services) */
                0x84, 0x01, 0x07, /* provisioned, active, registered */
                0x85, 0x03, 0xA1, 0x65, 0x87, /* forwarded to number */
                0x30, 0x06,
                0x82, 0x01, 0x60, /* BearerService Tag, Length, Value (all async transmission services) */
                0x84, 0x01, 0x06, /* */
                0x30, 0x0B,
                0x82, 0x01, 0x50, /* BearerService Tag, Length, Value (all data async transmission services) */
                0x84, 0x01, 0x07, /* provisioned, active, registered */
                0x85, 0x03, 0xA1, 0x65, 0x87, /* forwarded to number */
                0x30, 0x0B,
                0x82, 0x01, 0x20, /* BearerService Tag, Length, Value (all data PAD services transmission services) */
                0x84, 0x01, 0x07 /* provisioned, active, registered */
                /* note no forwarded to number */
ENDARRAY

/* interrogate CFNRY Voice FIE 31.2.1.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_IRGT_V)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_IRGT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_IRGT_V_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x10
ENDARRAY

/* result interrogate CFNRY Voice FIE 31.2.1.6.1 */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRY_IRGT_RES)
                SET_COMP ("l_fac", 0x00D0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRY_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRY_IRGT_RES_CONTENT, 26)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0E, 0xA3, 0x0E, 0x30, 0x0C, 0x83, 0x01,    0x11, 0x84,
0x01, 0x0F, 0x85, 0x04, 0x91, 0x34, 0x21, 0x43
ENDARRAY

/* interrogate CFNRC Voice FIE 31.2.1.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_IRGT_V)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRC_IRGT_V_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_IRGT_V_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x2B
ENDARRAY

/* result interrogate CFNRC Voice FIE 31.2.1.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFNRC_IRGT_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFNRC_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFNRC_IRGT_RES_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x12
ENDARRAY

/* interrogate CFB Fax FIE 31.2.1.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_IRGT_F)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_IRGT_F_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_IRGT_F_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x60
ENDARRAY

/* interrogate CFB Fax FIE 31.2.1.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CFB_IRGT_F_RES)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CFB_IRGT_F_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CFB_IRGT_F_RES_CONTENT, 10)
                0xA4, 0x80, 0x02, 0x01, 0x00, 0x81, 0x01, 0x03, 0x00, 0x00
ENDARRAY

/* password CB all  FIE 31.8.1.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLCB_PWD)
                SET_COMP ("l_fac", 0x0058)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLCB_PWD_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLCB_PWD_CONTENT, 11)
                0xA1, 0x09, 0x02, 0x01, 0x00, 0x02, 0x01, 0x11,  0x04, 0x01, 0x90
```

```
ENDARRAY

/* activate BAOC  FIE 31.8.3.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAOC_ACT)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAOC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAOC_ACT_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x06, 0x04, 0x01, 0x92, 0x82, 0x01, 0x68
ENDARRAY

/* result activate BAOC  FIE 31.8.3.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAOC_ACT_RES)
                SET_COMP ("l_fac", 0x00E8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAOC_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAOC_ACT_RES_CONTENT, 29)
                0xA2, 0x1B, 0x02, 0x01, 0x00, 0x30, 0x80, 0x02, 0x01, 0x0C, 0xA1, 0x80, 0x04, 0x01, 0x92, 0x30,    0x08, 0x30,
0x06, 0x82, 0x01, 0x68, 0x84, 0x01, 0x07, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* activate BICR  FIE 31.8.3.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BICR_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BICR_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BICR_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x9B
ENDARRAY

/* result activate BICR  FIE 31.8.3.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BICR_ACT_RES)
                SET_COMP ("l_fac", 0x00F0)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BICR_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BICR_ACT_RES_CONTENT, 26)
                0xA2, 0x18, 0x02, 0x01, 0x00, 0x30, 0x13, 0x02, 0x01, 0x0C, 0xA1, 0x0E, 0x04, 0x01, 0x9B, 0x30,    0x80, 0x30,
0x80, 0x84, 0x01, 0x07, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/* activate BOIC  FIE 31.8.3.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOIC_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BOIC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOIC_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x93
ENDARRAY

/* result activate BOIC  FIE 31.8.3.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOIC_ACT_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
```

```
                SET_COMP ("fac", A_FAC_KSD_BOIC_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOIC_ACT_RES_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x13
ENDARRAY

/* activate BAIC  FIE 31.8.3.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x9A
ENDARRAY

/* result activate BAIC  FIE 31.8.3.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_ACT_RES)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_ACT_RES_CONTENT, 10)
                0xA3, 0x80, 0x02, 0x01, 0x00, 0x02, 0x01, 0x26, 0x00, 0x00
ENDARRAY

/* deactivate all CB  FIE 31.8.4.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLCB_DEACT)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLCB_DEACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLCB_DEACT_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x90, 0x83, 0x01, 0x10
ENDARRAY

/* result deactivate all CB  FIE 31.8.4.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLCB_DEACT_RES)
                SET_COMP ("l_fac", 0x00A8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLCB_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLCB_DEACT_RES_CONTENT, 21)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x0C, 0x02, 0x01, 0x0D, 0xA1, 0x07, 0x30, 0x05, 0x30, 0x03,   0x83, 0x01,
0x11, 0x00, 0x00
ENDARRAY

/* deactivate all CB out  FIE 31.8.4.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLOUT_DEACT)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLOUT_DEACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLOUT_DEACT_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x91, 0x83, 0x01, 0x60
ENDARRAY

/* result deactivate all CB out  FIE 31.8.4.1 */
```

```
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLOUT_DEACT_RES)
                SET_COMP ("l_fac", 0x00A8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLOUT_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLOUT_DEACT_RES_CONTENT, 21)
                0xA2, 0x80, 0x02, 0x01, 0x00, 0x30, 0x0C, 0x02, 0x01, 0x0D, 0xA1, 0x07, 0x30, 0x05, 0x30, 0x03,   0x83, 0x01,
0x60, 0x00, 0x00
ENDARRAY

/* deactivate all CB in  FIE 31.8.4.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLIN_DEACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLIN_DEACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLIN_DEACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x03, 0x04, 0x01, 0x99
ENDARRAY

/* result deactivate all CB in  FIE 31.8.4.2.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_ALLIN_DEACT_RES)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_ALLIN_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_ALLIN_DEACT_RES_CONTENT, 10)
                0xA3, 0x80, 0x02, 0x01, 0x00, 0x02, 0x01, 0x13, 0x00, 0x00
ENDARRAY

/* deactivate BOIX ex Home  FIE 31.8.4.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOICxHC_DEACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BOICxHC_DEACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOICxHC_DEACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x03, 0x04, 0x01, 0x94
ENDARRAY

/* result deactivate BOIX ex Home  FIE 31.8.4.2.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOICxHC_DEACT_RES)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BOICxHC_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOICxHC_DEACT_RES_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x26
ENDARRAY

/* interrogate BAIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x9A
```

```
ENDARRAY

/* result A interrogate BAIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_IRGT_RES_A)
                SET_COMP ("l_fac", 0x0078)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_IRGT_RES_A_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_IRGT_RES_A_CONTENT, 15)
                0xA2, 0x0D, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x08, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA2, 0x03, /* basicServiceGroupList */
                0x83, 0x01, 0x11 /* TeleService Tag, Length, Value (telephony) */
ENDARRAY

/* result B interrogate BAIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_IRGT_RES_B)
                SET_COMP ("l_fac", 21 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_IRGT_RES_B_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_IRGT_RES_B_CONTENT, 21)
                0xA2, 0x13, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x0E, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0xA2, 0x80, /* basicServiceGroupList */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech) */
                0x82, 0x01, 0x60, /* BearerService Tag, Length, Value (all asynchronous services) */
                0x83, 0x01, 0x20 /* TeleService Tag, Length, Value (all SMS services) */
ENDARRAY

/* result C interrogate BAIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAIC_IRGT_RES_C)
                SET_COMP ("l_fac", 21 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAIC_IRGT_RES_C_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAIC_IRGT_RES_C_CONTENT, 21)
                0xA2, 0x13, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x0E, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0xA2, 0x80, /* basicServiceGroupList */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech) */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all fax) */
                0x82, 0x01, 0x10  /* BearerService Tag, Length, Value (all data CDA services) */
ENDARRAY

/* interrogate BOIC ex Home  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOICxHC_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BOICxHC_IRGT_CONTENT)
ENDSTRUCT
```

```
BEGINARRAY_PART (A_FAC_KSD_BOICxHC_IRGT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x94
ENDARRAY

/* result interrogate BOIC ex Home  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOICxHC_IRGT_RES)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_BOICxHC_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOICxHC_IRGT_RES_CONTENT, 13)
        0xA2, 0x0B, 0x02, 0x01, 0x00, 0x30, 0x06, 0x02, 0x01, 0x0E,
        0x80,  0x01, 0x04 /* ss-Status: provisioned */
ENDARRAY

/* interrogate BICR  FIE 31.8.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BICR_IRGT)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_BICR_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BICR_IRGT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x9B
ENDARRAY

/* result interrogate BICR  FIE 31.8.6.2 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BICR_IRGT_RES)
        SET_COMP ("l_fac", 0x0050)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_BICR_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BICR_IRGT_RES_CONTENT, 10)
        0xA3, 0x80, 0x02, 0x01, 0x00, 0x02, 0x01, 0x12, 0x00, 0x00
ENDARRAY

/* interrogate BOIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOIC_IRGT)
        SET_COMP ("l_fac", 0x0068)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_BOIC_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOIC_IRGT_CONTENT, 13)
        0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x93
ENDARRAY

/* result interrogate BOIC  FIE 31.8.6.1 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BOIC_IRGT_RES)
        SET_COMP ("l_fac", 0x0040)
        SET_COMP ("o_fac", 0x0000)
        SET_COMP ("fac", A_FAC_KSD_BOIC_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BOIC_IRGT_RES_CONTENT, 8)
        0xA4, 0x06, 0x02, 0x01, 0x00, 0x81, 0x01, 0x03
ENDARRAY

/* process USSD  FIE 31.9 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_USSD_PROC)
        SET_COMP ("l_fac", 0x00A0)
```

```
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_USSD_PROC_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_USSD_PROC_CONTENT, 20)
                0xA1, 0x12, 0x02, 0x01, 0x00, 0x02, 0x01, 0x3B, 0x30, 0x0A, 0x04, 0x01, 0x0F, 0x04, 0x05, 0x2A,    0x15, 0x0C,
0x36, 0x02
ENDARRAY

/* result process USSD  FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_USSD_PROC_RES)
                SET_COMP ("l_fac", 0x00B8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_USSD_PROC_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_USSD_PROC_RES_CONTENT, 23)
                0xA2, 0x15, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x10, /* Sequence Tag, Length */
                0x02, 0x01, 0x3B, /* Operation Code Tag (ProcessUnstructuredSS-Request), Length, Value */
                /* begin of parameters */
                0x30, 0x0B, /* Sequence Tag, Length */
                0x04, 0x01, 0x0F, /* ussd-DataCodingScheme (default, unspecified language) */
                0x04, 0x06, 0xAA, 0x51, 0x0C, 0x06, 0x1B, 0x01 /* ussd-String */
ENDARRAY

/* deactivate BAOC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAOC_DEACT)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAOC_DEACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAOC_DEACT_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0D, 0x30, 0x06, 0x04, 0x01, 0x92, 0x83, 0x01, 0x00
ENDARRAY

/* result deactivate BAOC FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_BAOC_DEACT_RES)
                SET_COMP ("l_fac", 0x00C8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_BAOC_DEACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_BAOC_DEACT_RES_CONTENT, 25)
                0xA2, 0x17, 0x02, 0x01, 0x01, 0x30, 0x12, 0x02, 0x01, 0x0D, 0xA1, 0x0D, 0x04, 0x01, 0x92, 0x30,    0x08, 0x30,
0x06, 0x83, 0x01, 0x00, 0x84, 0x01, 0x01
ENDARRAY

/* interrogate CLIR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CLIR_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CLIR_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CLIR_IRGT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x03, 0x04, 0x01, 0x12
ENDARRAY

/* result interrogate CLIR FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CLIR_IRGT_RES)
```

```
                SET_COMP ("l_fac", 0x0090)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CLIR_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CLIR_IRGT_RES_CONTENT, 18)
                0xA2, 0x10,
                0x02, 0x01, 0x01,
                0x30, 0x0B,
                0x02, 0x01, 0x0E,
                0xA4, 0x06, /* genericServiceInfo Tag, length */
                0x04, 0x01, 0x05, /* ss-Status Tag, length, value (Provisioned,Active) */
                0x0A, 0x01, 0x02 /* cliRestrictionOption Tag, Length, Value (temporaryDefaultAllowed) */
ENDARRAY

/* activate CCWA all FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CW_ACT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CW_ACT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CW_ACT_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0C, 0x30, 0x03, 0x04, 0x01, 0x41
ENDARRAY

/* activate result CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CW_ACT_RES)
                SET_COMP ("l_fac", 0x0090)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CW_ACT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CW_ACT_RES_CONTENT, 18)
                0xA2, 0x10, 0x02, 0x01, 0x00, 0x30, 0x0B, 0x02, 0x01, 0x0C, 0xA3, 0x06, 0x04, 0x01, 0x41, 0x84,    0x01, 0x05
ENDARRAY

/* activate result CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CW_ACT_RES2)
                SET_COMP ("l_fac", 0x0050)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CW_ACT_RES2_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CW_ACT_RES2_CONTENT, 10)
                0xA2, 0x08, 0x02, 0x01, 0x00, 0x30, 0x03, 0x02, 0x01, 0x0C
ENDARRAY

/* activate result CCWA voice FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_ERS_RES)
                SET_COMP ("l_fac", 0x0090)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CCBS_ERS_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_ERS_RES_CONTENT, 18)
                0xA2, 0x10, 0x02, 0x01, 0x00, 0x30, 0x0B, 0x02, 0x01, 0x4D, 0x30, 0x06, 0x80, 0x01, 0x43, 0x81,    0x01, 0x04
ENDARRAY

/* erase CCBS entry 1 FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_ERS_1)
                SET_COMP ("l_fac", 0x0080)
                SET_COMP ("o_fac", 0x0000)
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                SET_COMP ("fac", A_FAC_KSD_CCBS_ERS_1_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_ERS_1_CONTENT, 16)
                0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x4D, 0x30, 0x06, 0x80, 0x01, 0x43, 0x81, 0x01, 0x01
ENDARRAY

/* erase CCBS all entries FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_ERS_ALL)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CCBS_ERS_ALL_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_ERS_ALL_CONTENT, 13)
                0xA1, 0x0B, 0x02, 0x01, 0x00, 0x02, 0x01, 0x4D, 0x30, 0x03, 0x80, 0x01, 0x43
ENDARRAY

/* interrogate CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_IRGT)
                SET_COMP ("l_fac", 0x0068)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CCBS_IRGT_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_IRGT_CONTENT, 13)
                0xA1, 0x0B, /* Invoke Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                0x30, 0x03, /* Sequence Tag, Length */
                0x04, 0x01, 0x43 /* SS Code Tag (Octet String Tag), Length, Value (CCBS, originating side) */
ENDARRAY

/* interrogate result CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_IRGT_RES)
                SET_COMP ("l_fac", 0x0250)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CCBS_IRGT_RES_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_IRGT_RES_CONTENT, 74)
                0xA2, 0x48, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00, /* Invoke ID Tag, Length, Value */
                0x30, 0x43, /* Sequence Tag, Length */
                0x02, 0x01, 0x0E, /* Operation Code Tag (InterrogateSS), Length, Value */
                /* begin of parameters */
                0xA4, 0x3E, /* genericServiceInfo Tag, Length */
                0x04, 0x01, 0x07, /* ss-Status: provisioned, registered, active */
                0xA2, 0x39, /* ccbs-FeatureList */
                0x30, 0x11, /* Sequence Tag, Length, entry #1 */
                0x80, 0x01, 0x01, /* ccbs-Index 1 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x14, 0x32, /* b-subscriber number */
                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x83, 0x01, 0x10, /* TeleService Tag, Length, Value (all speech) */
                0x30, 0x11, /* Sequence Tag, Length, entry #2 */
                0x80, 0x01, 0x02, /* ccbs-Index 2 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x44, 0x65, /* b-subscriber number */
                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x83, 0x01, 0x60, /* TeleService Tag, Length, Value (all fax) */
                0x30, 0x11, /* Sequence Tag, Length, entry #3 */
                0x80, 0x01, 0x04, /* ccbs-Index 4 */
                0x81, 0x07, 0x91, 0x94, 0x03, 0x93, 0x90, 0x74, 0x98, /* b-subscriber number */
```

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                0xA3, 0x03, /* Basic Service Group Tag, Length */
                0x82, 0x01, 0x10 /* BearerService Tag, Length, Value (all data CDA services) */
ENDARRAY

/* interrogate error CCBS entry FIE */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_CCBS_IRGT_ERR)
                SET_COMP ("l_fac", 0x0040)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_CCBS_IRGT_ERR_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_CCBS_IRGT_ERR_CONTENT, 8)
                0xA3, 0x06, 0x02, 0x01, 0x00, 0x02, 0x01, 0x10
ENDARRAY

/* return result FIE, empty except for invoke ID being 0 */
BEGIN_PSTRUCT ("fac_inf", A_FAC_KSD_EMPTY_RES_INV_ID0)
                SET_COMP ("l_fac", 5 * 8)
                SET_COMP ("o_fac", 0x0000)
                SET_COMP ("fac", A_FAC_KSD_EMPTY_RES_INV_ID0_CONTENT)
ENDSTRUCT
BEGINARRAY_PART (A_FAC_KSD_EMPTY_RES_INV_ID0_CONTENT, 5)
                0xA2, 0x03, /* Return Result Component Tag, Length */
                0x02, 0x01, 0x00 /* Invoke ID Tag, Length, Value */
ENDARRAY

/*------------------------------  structs ---------------------------------------- */
/* forward advice of charge info */
BEGIN_PSTRUCT ("fac_inf", S_FAC_AOC)
                SET_COMP ("l_fac",              LA_FAC_AOC)
                SET_COMP ("o_fac",              NUM_0)
                SET_COMP ("fac",                A_FAC_AOC)
ENDSTRUCT

/* bearer service not present */
 BEGIN_PSTRUCT ("bcpara", S_BS_NOT_PRESENT)
                SET_COMP ("rate",               UR_NOT_PRES)
                SET_COMP ("bearer_serv",        BEARER_SERV_NOT_PRES)
                SET_COMP ("conn_elem",          CONN_ELEM_NOT_PRES)
                SET_COMP ("stop_bits",          STOP_1_BIT)
                SET_COMP ("data_bits",          DATA_8_BIT)
                SET_COMP ("parity",             PARITY_NONE)
                SET_COMP ("flow_control",       NO_FLOW_CONTROL)
                SKIP_COMP ("modem_type")
ENDSTRUCT

/* bearer service voice */
 BEGIN_PSTRUCT ("bcpara", S_BS_VOICE)
                SET_COMP ("rate",               UR_NOT_PRES)
                SET_COMP ("bearer_serv",        BEARER_SERV_SPEECH)
                SET_COMP ("conn_elem",          CONN_ELEM_NOT_PRES)
                SET_COMP ("stop_bits",          STOP_1_BIT)
                SET_COMP ("data_bits",          DATA_8_BIT)
                SET_COMP ("parity",             PARITY_NONE)
                SET_COMP ("flow_control",       NO_FLOW_CONTROL)
                SKIP_COMP ("modem_type")
ENDSTRUCT
```

```
BEGIN_PSTRUCT ("bcpara", S_BS_V)
                SET_COMP ("rate",                   UR_NOT_PRES)
                SET_COMP ("bearer_serv",            BEARER_SERV_SPEECH)
                SET_COMP ("conn_elem",              CONN_ELEM_NOT_PRES)
                SET_COMP ("stop_bits",              STOP_1_BIT)
                SET_COMP ("data_bits",              DATA_8_BIT)
                SET_COMP ("parity",                 PARITY_NONE)
                SET_COMP ("flow_control",           NO_FLOW_CONTROL)
                SKIP_COMP ("modem_type")
ENDSTRUCT

/* called party address national modified*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY_MDFY)
                SET_COMP ("ton",                    TON_UNKNOWN)
                SET_COMP ("npi",                    NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("c_called_num",           LA_CLD_NUM_MDFY)
                SET_COMP ("called_num",             A_CLD_NUM_MDFY)
ENDSTRUCT

/* called party address international*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY_INT)
                SET_COMP ("ton",                    TON_INT_NUMB)
                SET_COMP ("npi",                    NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("c_called_num",           LA_CLD_NUM_INT)
                SET_COMP ("called_num",             A_CLD_NUM_INT)
ENDSTRUCT

/* called party address unknown type of number*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY_NINT)
                SET_COMP ("ton",                    TON_UNKNOWN)
                SET_COMP ("npi",                    NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("c_called_num",           LA_CLD_NUM_NINT)
                SET_COMP ("called_num",             A_CLD_NUM_NINT)
ENDSTRUCT

/* called party address emergency*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY_ECC)
                SET_COMP ("ton",                    TON_UNKNOWN)
                SET_COMP ("npi",                    NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("c_called_num",           LA_CLD_NUM_ECC)
                SET_COMP ("called_num",             A_CLD_NUM_ECC)
ENDSTRUCT

/* calling party sub address modified */
 BEGIN_PSTRUCT ("called_party_sub", S_CLD_PARTY_SUB_MDFY)
                SET_COMP ("tos",                    TOS_NSAP)
                SET_COMP ("odd_even",               OE_ODD)
                SET_COMP ("c_subaddr",              LA_CLD_SUB_MDFY)
                SET_COMP ("subaddr",                A_CLD_SUB_MDFY)
ENDSTRUCT

/* called party address national*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY)
                SET_COMP ("ton",                    TON_UNKNOWN)
                SET_COMP ("npi",                    NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("c_called_num",           LA_CLD_NUM)
                SET_COMP ("called_num",             A_CLD_NUM)
ENDSTRUCT
```

```
/* called party sub address */
 BEGIN_PSTRUCT ("called_party_sub", S_CLD_PARTY_SUB)
                SET_COMP ("tos",                TOS_NOT_PRES)
                SET_COMP ("odd_even",           OE_EVEN)
                SET_COMP ("c_subaddr",          NUM_0)
                SKIP_COMP ("subaddr")
ENDSTRUCT

/* data full rate 9600 */
 BEGIN_PSTRUCT ("chm", S_CHN_FULL_9600)
                SET_COMP ("ch_type",            CH_TCH_F)
                SET_COMP ("ch_mode",            CHM_DATA_9_6)
ENDSTRUCT

/* bearer service not present */
/* calling party address */
 BEGIN_PSTRUCT ("calling_party", S_CLG_PARTY)
                SET_COMP ("ton",                TON_UNKNOWN)
                SET_COMP ("npi",                NPI_ISDN_TEL_NUMB_PLAN)
                SET_COMP ("present",            PRES_PRES_ALLOW)
                SET_COMP ("screen",             SCREEN_IND_NOT_PRES)
                SET_COMP ("c_num",              LA_CLG_NUM)
                SET_COMP ("num",                A_CLG_NUM)
ENDSTRUCT


/* calling party sub address */
 BEGIN_PSTRUCT ("calling_party_sub", S_CLG_PARTY_SUB)
                SET_COMP ("tos",                TOS_NOT_PRES)
                SET_COMP ("odd_even",           OE_EVEN)
                SET_COMP ("c_subaddr",          NUM_0)
                SKIP_COMP ("subaddr")
ENDSTRUCT

/* called party address national*/
/* called party address national*/
 BEGIN_PSTRUCT ("called_party", S_CLD_PARTY_2)
                SET_COMP ("ton",                TON_UNKNOWN)
                SET_COMP ("npi",                NPI_UNKNOW)
                SET_COMP ("c_called_num",       LA_CLD_NUM)
                SET_COMP ("called_num",         A_CLD_NUM)
ENDSTRUCT
```

3 TEST CASES

3.1 Routing (internal) (ACI001 – ACI010)

3.1.1 ACISS001: Setup the Routing and the PCO view for the ACI test

Description:

Routings for the ACI tests are set.

Preamble:

None

```
    APL                          ACI                          PS
     |                            |                           |
COMMAND (TAP RESET)
COMMAND (CC RESET)
COMMAND (MM RESET)
COMMAND (SIM RESET)
COMMAND (SS RESET)
COMMAND (MMI RESET)
COMMAND (SMS RESET)
COMMAND (RA RESET)
COMMAND (T30 RESET)
     |                            |                           |
COMMAND (TAP REDIRECT CLEAR)
COMMAND (CC REDIRECT CLEAR)
COMMAND (MM REDIRECT CLEAR)
COMMAND (SIM REDIRECT CLEAR)
COMMAND (SS REDIRECT CLEAR)
COMMAND (MMI REDIRECT CLEAR)
COMMAND (SMS REDIRECT CLEAR)
COMMAND (RA REDIRECT CLEAR)
COMMAND (T30 REDIRECT CLEAR)
     |                            |                           |
COMMAND (MMI REDIRECT CC TAP)
COMMAND (MMI REDIRECT MM TAP)
COMMAND (MMI REDIRECT SIM TAP)
COMMAND (MMI REDIRECT SS TAP)
COMMAND (MMI REDIRECT MMI TAP)
COMMAND (MMI REDIRECT SMS TAP)
COMMAND (MMI REDIRECT RA TAP)
COMMAND (MMI REDIRECT T30 TAP)
     |                            |                           |
COMMAND (TAP REDIRECT TAP MMI)
COMMAND (MMI REDIRECT MMI TAP)
     |                            |                           |
     |                            |                           |
```

Parametrization:

Primitive	Parameter	Value

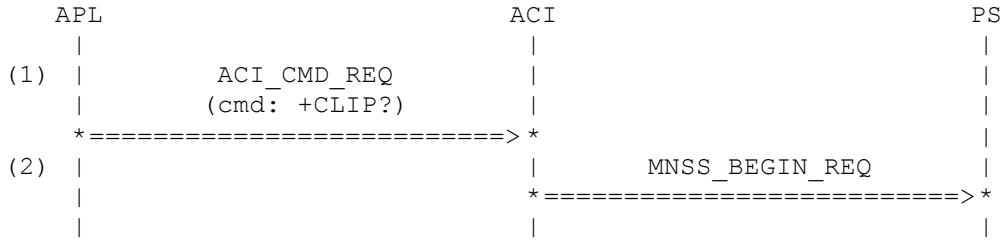
History: 14.12.98 AK Initial

3.2 Line identification supplementary services (ACI011 – ACI099)

3.2.1 ACISS011: Interrogate CLIP status

Description:
interrogate network for CLIP status.

Preamble:
ACISS001



Parametrization:

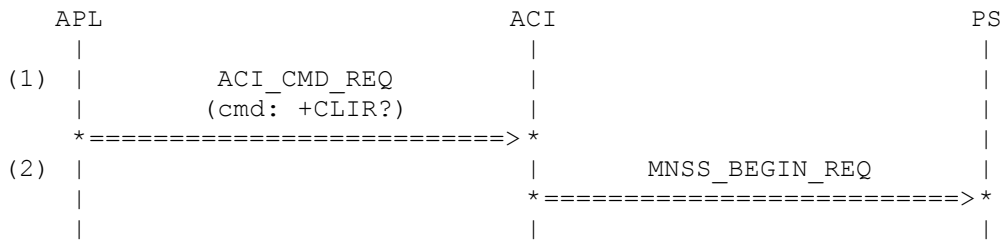
Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	NUM_ELEMENTS(C_PLUS_CLIP_QUERY)
	cmd_seq	C_PLUS_CLIP_QUERY
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CLIP_IRGT
	ss_ver	NOT_USED

History: 10.08.98 ACI Initial

3.2.2 ACISS012: Interrogate CLIR status

Description:
interrogate network for CLIR status.

Preamble:
ACISS001



Parametrization:

Primitive	Parameter	Value
(3) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLIR_QUERY
	cmd_seq	C_PLUS_CLIR_QUERY
(4) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CLIR_IRGT
	ss_ver	A_SS_VER_2

History: 10.08.98 ACI Initial

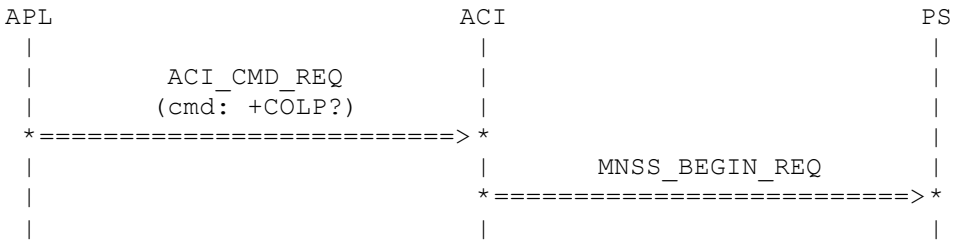
3.2.3 ACISS013: Interrogate COLP status

Description:

interrogate network for COLP status.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(5) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_COLP_QUERY
	cmd_seq	C_PLUS_COLP_QUERY
(6) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_COLP_IRGT
	ss_ver	A_SS_VER_2

History: 10.08.98 ACI Initial

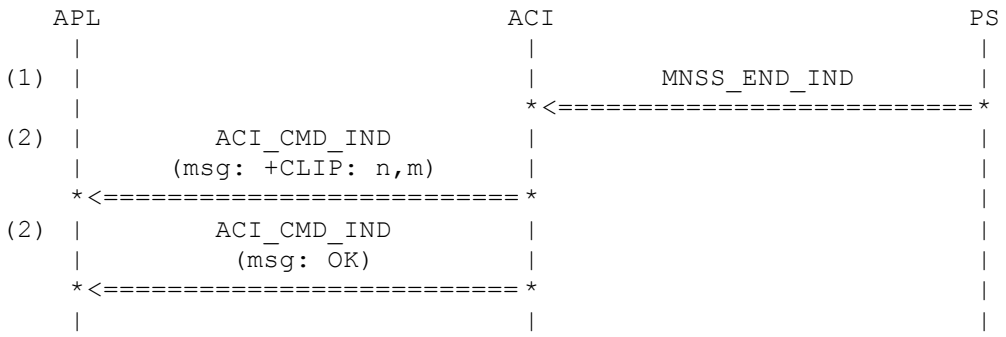
3.2.4 ACISS020: Successful interrogation of CLIP, provisioned

Description:

network returns current status of CLIP. CLIP is provisioned

Preamble:

ACISS011



Parametrization:

Primitive	Parameter	Value
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CLIP_IRGT_RES_PROV
(8) ACI_CMD_IND		
	cmd_len	LM_PLUS_CLIP_PROV
	cmd_seq	M_PLUS_CLIP_PROV
(9) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

3.2.5 ACISS021: Successful interrogation of CLIR

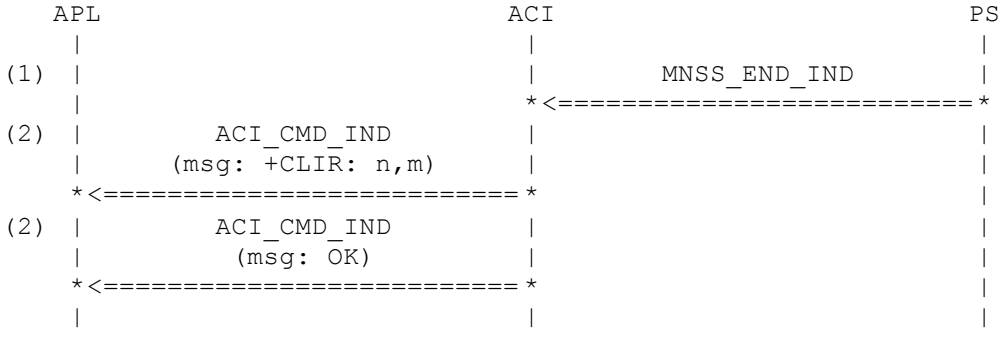
Description:

network returns current status of CLIR.
Variant A: CLIR is provisioned, temporary mode presentation allowed
Variant B: CLIR is not provisioned

Preamble:

ACISS012

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value

(10) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLIR_IRGT_RES_PVTMAL
<B>	fac_inf	A_FAC_CLIR_IRGT_RES_PVTMAL2
(11) ACI_CMD_IND		
<A>	cmd_len	LM_PLUS_CLIR_PVTMAL
<B>	cmd_len	LM_PLUS_CLIR_PVTMAL2
<A>	cmd_seq	M_PLUS_CLIR_PVTMAL
<B>	cmd_seq	M_PLUS_CLIR_PVTMAL2
(12) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

3.3 Call Waiting (ACI040-ACI059)

3.3.1 ACISS040: Interrogate Call waiting status

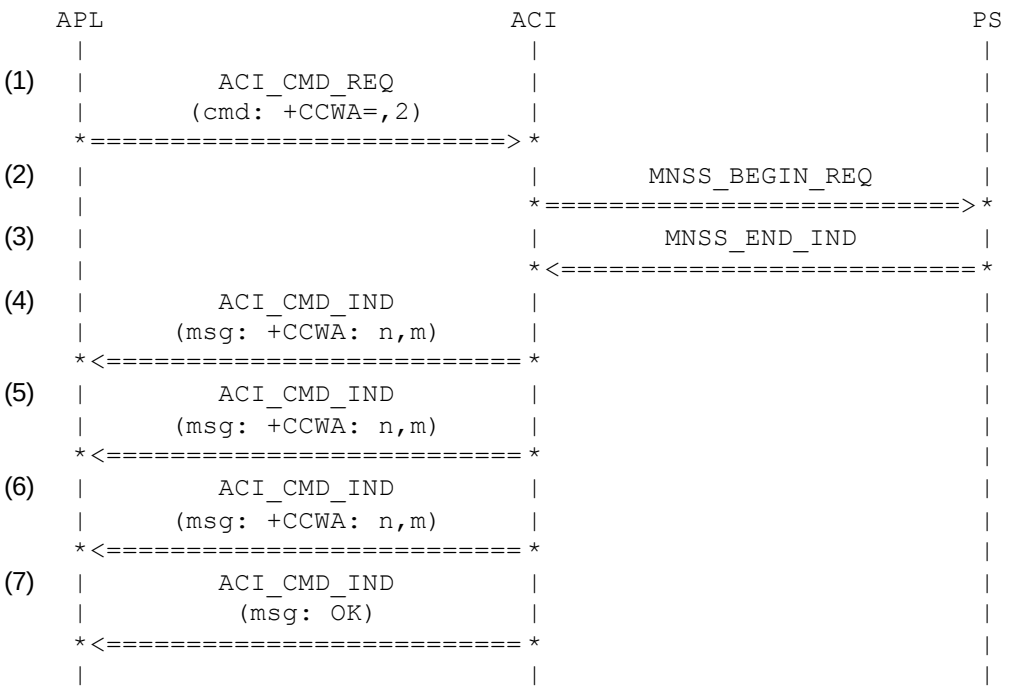
Description:

interrogate network for CW status.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value

(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCWA_QUERY
<B>	cmd_len	LC_PLUS_CCWA_QUERY2
<A>	cmd_seq	C_PLUS_CCWA_QUERY
<B>	cmd_seq	C_PLUS_CCWA_QUERY2
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCWA_IRGT
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CCWA_IRGT_RES
<B>	fac_inf	A_FAC_CCWA_IRGT_RES2
(4) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCWA_V
	cmd_seq	M_PLUS_CCWA_V
(5) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCWA_D
	cmd_seq	M_PLUS_CCWA_D
(6) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCWA_F
	cmd_seq	M_PLUS_CCWA_F
(7) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	10.08.98	ACI	Initial
	04.01.02	SBK	Update due to ACI-FIX-1666
	25.04.02	TLU	Variant B added

3.3.2 ACISS041: Activate Call waiting status

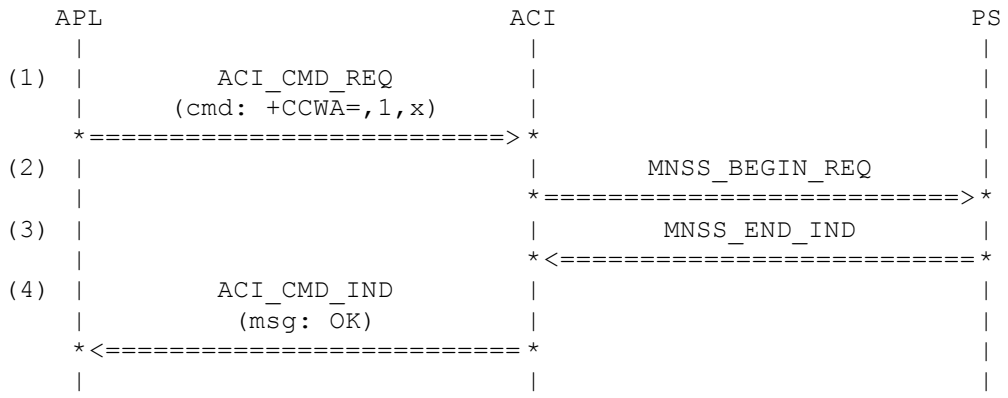
Description:

activate CW supplementary service.

Preamble:

ACISS001

Variants: <A>....<C>



Parametrization:

Primitive	Parameter	Value
(8) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCWA_ACT_V
<B>	cmd_len	LC_PLUS_CCWA_ACT_D
<C>	cmd_len	LC_PLUS_CCWA_ACT_V
<A>	cmd_seq	C_PLUS_CCWA_ACT_V
<B>	cmd_seq	C_PLUS_CCWA_ACT_D
<C>	cmd_seq	C_PLUS_CCWA_ACT_V
(9) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCWA_ACT_V
<B>	fac_inf	A_FAC_CCWA_ACT_D
<C>	fac_inf	A_FAC_CCWA_ACT_V
	ss_ver	NOT_USED
(10) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CCWA_ACT_V_RES
<B>	fac_inf	A_FAC_CCWA_ACT_D_RES
<C>	fac_inf	A_FAC_CCWA_ACT_V_RES2
(11) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

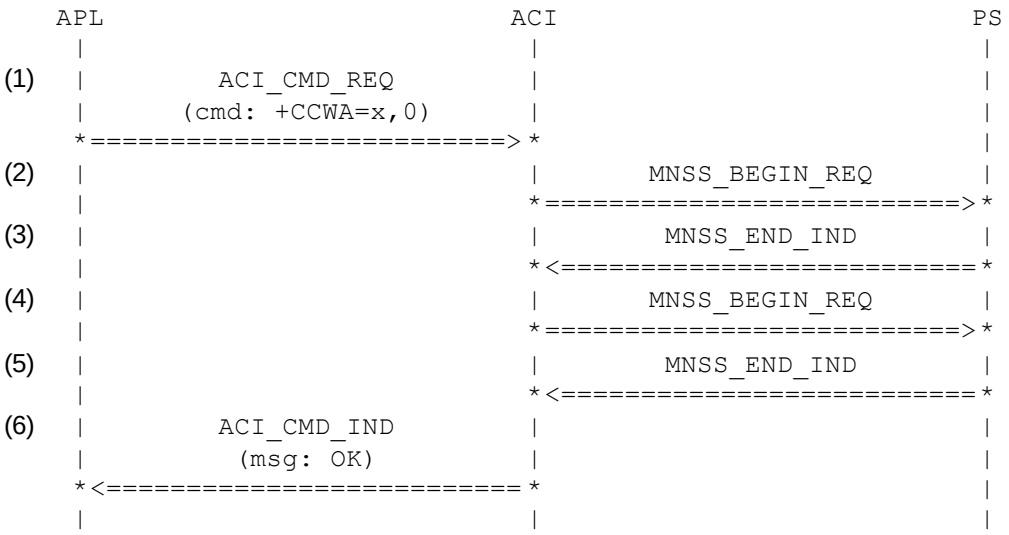
3.3.3 ACISS042: Deactivate Call Waiting Voice/Data/Fax

Description:

Deactivate Call Waiting Voice/Data/Fax: ok case

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CCWA_DEACT
	cmd_seq	C_PLUS_CCWA_DEACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCWA_DEACT_VF
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCWA_DEACT_VF_RES
(4) MNSS_BEGIN_REQ		
	ti	NUM_1
	fac_inf	A_FAC_CCWA_DEACT_D
	ss_ver	NOT_USED
(5) MNSS_END_IND		
	ti	NUM_1
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCWA_DEACT_D_RES
(6) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 06.05.02 ACI Initial

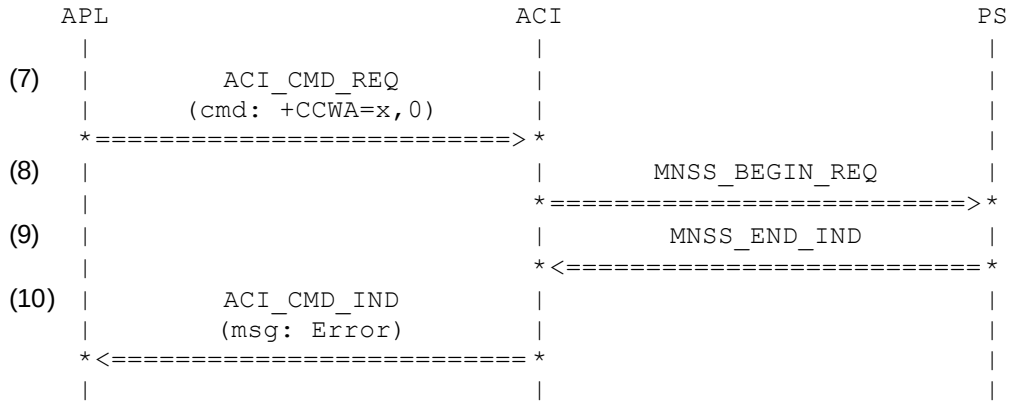
3.3.4 ACISS043: Deactivate Call Waiting Voice/Data/Fax: error case

Description:

Deactivate Call Waiting Voice/Data/Fax: Error case

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(7) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CCWA_DEACT
	cmd_seq	C_PLUS_CCWA_DEACT
(8) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCWA_DEACT_VF
	ss_ver	NOT_USED
(9) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCWA_DEACT_VF_ERR_RES
(10) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

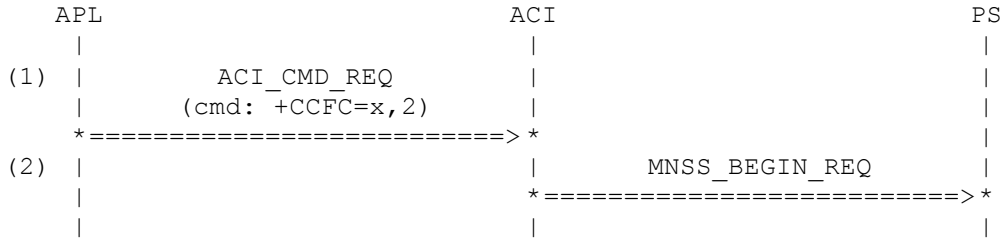
History: 06.05.02 ACI Initial

3.4 Call Forwarding (ACI060-ACI079)

3.4.1 ACISS060: Interrogate Call Forwarding status

Description:
interrogate network for CF status.

Preamble:
ACISS001
Variants: <A>....<D>



Parametrization:

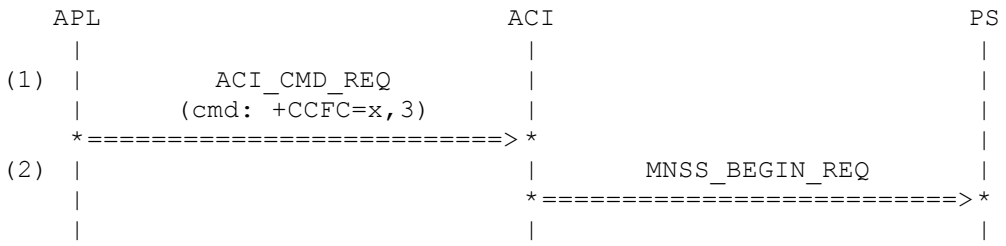
Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCFC_CFU_QUERY
<B>	cmd_len	LC_PLUS_CCFC_CFB_QUERY
<C>	cmd_len	LC_PLUS_CCFC_CFNRY_QUERY
<D>	cmd_len	LC_PLUS_CCFC_CFNRC_QUERY
<A>	cmd_seq	C_PLUS_CCFC_CFU_QUERY
<B>	cmd_seq	C_PLUS_CCFC_CFB_QUERY
<C>	cmd_seq	C_PLUS_CCFC_CFNRY_QUERY
<D>	cmd_seq	C_PLUS_CCFC_CFNRC_QUERY
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCFC_CFU_IRGT
<B>	fac_inf	A_FAC_CCFC_CFB_IRGT
<C>	fac_inf	A_FAC_CCFC_CFNRY_IRGT
<D>	fac_inf	A_FAC_CCFC_CFNRC_IRGT
	ss_ver	NOT_USED

History:			
	18.05.99	ACI	Initial
	04.02.01	SBK	Adapted due to ACI-FIX-1666

3.4.2 ACISS061: Register Call Forwarding Voice/Data/Fax

Description:
Register call forwarding SS for voice, data and fax.

Preamble:
ACISS001
Variants: <A>....<F>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCFC_CFU_REG
<B>	cmd_len	LC_PLUS_CCFC_CFB_REG
<C>	cmd_len	LC_PLUS_CCFC_CFNRY_REG
<D>	cmd_len	LC_PLUS_CCFC_CFNRC_REG
<E>	cmd_len	LC_PLUS_CCFC_ALLCF_REG
<F>	cmd_len	LC_PLUS_CCFC_ALLCFC_REG
<A>	cmd_seq	C_PLUS_CCFC_CFU_REG
<B>	cmd_seq	C_PLUS_CCFC_CFB_REG
<C>	cmd_seq	C_PLUS_CCFC_CFNRY_REG
<D>	cmd_seq	C_PLUS_CCFC_CFNRC_REG
<E>	cmd_seq	C_PLUS_CCFC_ALLCF_REG
<F>	cmd_seq	C_PLUS_CCFC_ALLCFC_REG
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCFC_CFU_REG_VF
<B>	fac_inf	A_FAC_CCFC_CFB_REG_VF
<C>	fac_inf	A_FAC_CCFC_CFNRY_REG_VF
<D>	fac_inf	A_FAC_CCFC_CFNRC_REG_VF
<E>	fac_inf	A_FAC_CCFC_ALLCF_REG_VF
<F>	fac_inf	A_FAC_CCFC_ALLCFC_REG_VF
	ss_ver	NOT_USED

History: 18.05.99 ACI Initial

3.4.3 ACISS062: Erase Call Forwarding Voice/Data/Fax

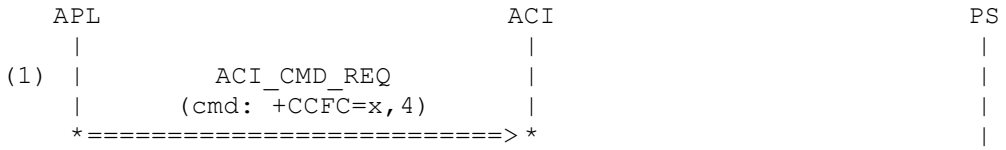
Description:

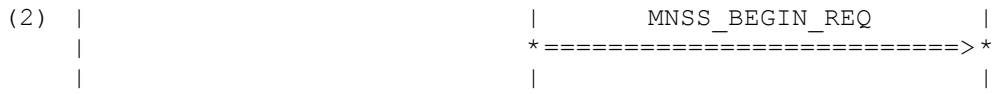
Erase call forwarding SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<F>





Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCFC_CFU_ERS
<B>	cmd_len	LC_PLUS_CCFC_CFB_ERS
<C>	cmd_len	LC_PLUS_CCFC_CFNRY_ERS
<D>	cmd_len	LC_PLUS_CCFC_CFNRC_ERS
<E>	cmd_len	LC_PLUS_CCFC_ALLCF_ERS
<F>	cmd_len	LC_PLUS_CCFC_ALLCFC_ERS
<A>	cmd_seq	C_PLUS_CCFC_CFU_ERS
<B>	cmd_seq	C_PLUS_CCFC_CFB_ERS
<C>	cmd_seq	C_PLUS_CCFC_CFNRY_ERS
<D>	cmd_seq	C_PLUS_CCFC_CFNRC_ERS
<E>	cmd_seq	C_PLUS_CCFC_ALLCF_ERS
<F>	cmd_seq	C_PLUS_CCFC_ALLCFC_ERS
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCFC_CFU_ERS_VF
<B>	fac_inf	A_FAC_CCFC_CFB_ERS_VF
<C>	fac_inf	A_FAC_CCFC_CFNRY_ERS_VF
<D>	fac_inf	A_FAC_CCFC_CFNRC_ERS_VF
<E>	fac_inf	A_FAC_CCFC_ALLCF_ERS_VF
<F>	fac_inf	A_FAC_CCFC_ALLCFC_ERS_VF
	ss_ver	NOT_USED

History: 18.05.99 ACI Initial

3.4.4 ACISS063: Activate Call Forwarding Voice/Data/Fax

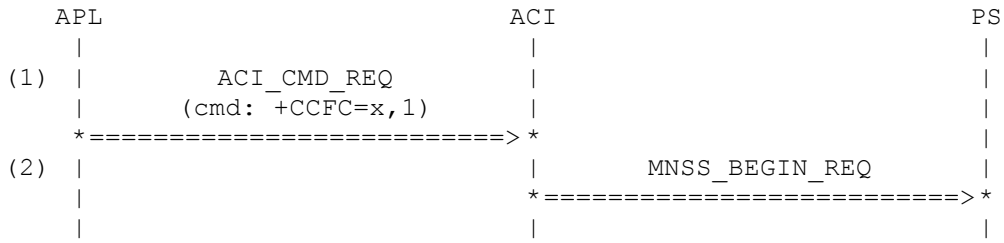
Description:

Activate call forwarding SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<F>



Parametrization:

Primitive	Parameter	Value

(1) ACI_CMD_REQ

	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCFC_CFU_ACT
<B>	cmd_len	LC_PLUS_CCFC_CFB_ACT
<C>	cmd_len	LC_PLUS_CCFC_CFNRY_ACT
<D>	cmd_len	LC_PLUS_CCFC_CFNRC_ACT
<E>	cmd_len	LC_PLUS_CCFC_ALLCF_ACT
<F>	cmd_len	LC_PLUS_CCFC_ALLCFC_ACT
<A>	cmd_seq	C_PLUS_CCFC_CFU_ACT
<B>	cmd_seq	C_PLUS_CCFC_CFB_ACT
<C>	cmd_seq	C_PLUS_CCFC_CFNRY_ACT
<D>	cmd_seq	C_PLUS_CCFC_CFNRC_ACT
<E>	cmd_seq	C_PLUS_CCFC_ALLCF_ACT
<F>	cmd_seq	C_PLUS_CCFC_ALLCFC_ACT

(2) MNSS_BEGIN_REQ

	ti	NUM_0
<A>	fac_inf	A_FAC_CCFC_CFU_ACT_VF
<B>	fac_inf	A_FAC_CCFC_CFB_ACT_VF
<C>	fac_inf	A_FAC_CCFC_CFNRY_ACT_VF
<D>	fac_inf	A_FAC_CCFC_CFNRC_ACT_VF
<E>	fac_inf	A_FAC_CCFC_ALLCF_ACT_VF
<F>	fac_inf	A_FAC_CCFC_ALLCFC_ACT_VF
	ss_ver	NOT_USED

History:	18.05.99	ACI	Initial

3.4.5 ACISS064: Deactivate Call Forwarding Voice/Data/Fax

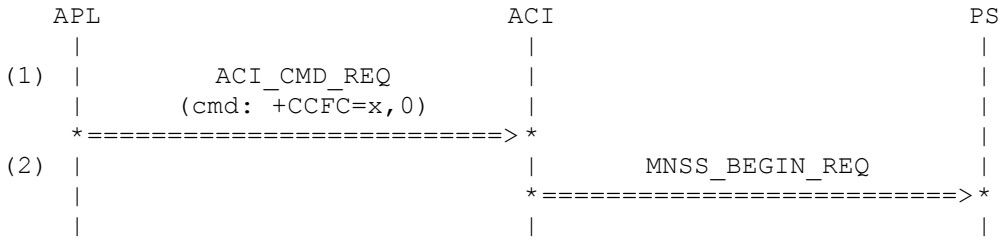
Description:

Deactivate call forwarding SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<F>



Parametrization:

Primitive	Parameter	Value

(1) ACI_CMD_REQ

	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CCFC_CFU_DEACT
<B>	cmd_len	LC_PLUS_CCFC_CFB_DEACT
<C>	cmd_len	LC_PLUS_CCFC_CFNRY_DEACT
<D>	cmd_len	LC_PLUS_CCFC_CFNRC_DEACT
<E>	cmd_len	LC_PLUS_CCFC_ALLCF_DEACT

<F>	cmd_len	LC_PLUS_CCFC_ALLCFC_DEACT
<A>	cmd_seq	C_PLUS_CCFC_CFU_DEACT
<B>	cmd_seq	C_PLUS_CCFC_CFB_DEACT
<C>	cmd_seq	C_PLUS_CCFC_CFNRY_DEACT
<D>	cmd_seq	C_PLUS_CCFC_CFNRC_DEACT
<E>	cmd_seq	C_PLUS_CCFC_ALLCF_DEACT
<F>	cmd_seq	C_PLUS_CCFC_ALLCFC_DEACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCFC_CFU_DEACT_VF
<B>	fac_inf	A_FAC_CCFC_CFB_DEACT_VF
<C>	fac_inf	A_FAC_CCFC_CFNRY_DEACT_VF
<D>	fac_inf	A_FAC_CCFC_CFNRC_DEACT_VF
<E>	fac_inf	A_FAC_CCFC_ALLCF_DEACT_VF
<F>	fac_inf	A_FAC_CCFC_ALLCFC_DEACT_VF
	ss_ver	NOT_USED

History:	18.05.99	ACI	Initial

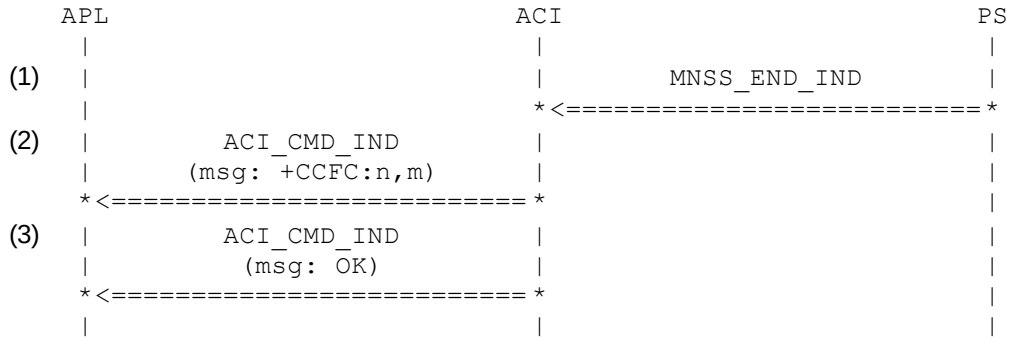
3.4.6 ACISS065: Successful interrogation of Call Forwarding CFU

Description:

network returns current status of call forwarding SS

Preamble:

ACISS060A



Parametrization:

Primitive	Parameter	Value
(1) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCFC_CFU_IRGT_RES
(2) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCFC_CFU
	cmd_seq	M_PLUS_CCFC_CFU
(3) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	10.08.98	ACI	Initial
	04.02.01	SBK	Adapted due to ACI-FIX-1666

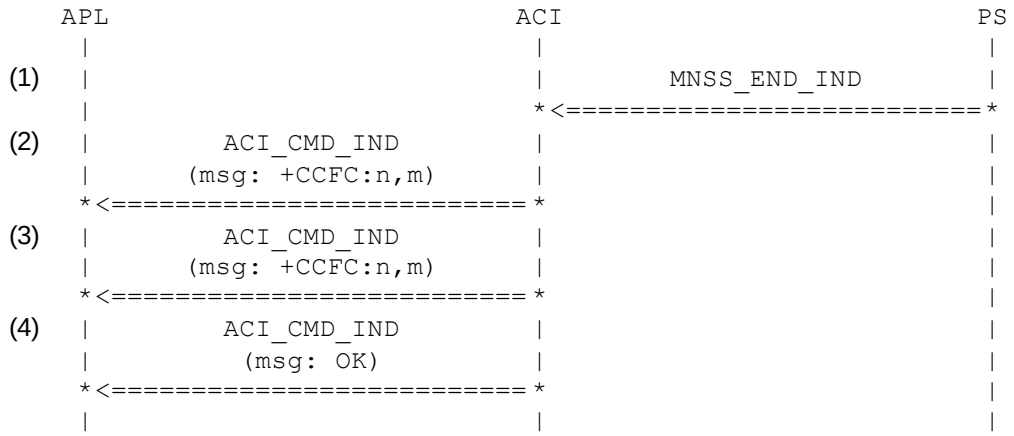
3.4.7 ACISS066: Successful interrogation of Call Forwarding CFB

Description:

network returns current status of call forwarding SS

Preamble:

ACISS060B



Parametrization:

Primitive	Parameter	Value
(1) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCFC_CFB_IRGT_RES
(2) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCFC_CFB_V
	cmd_seq	M_PLUS_CCFC_CFB_V
(3) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCFC_CFB_D
	cmd_seq	M_PLUS_CCFC_CFB_D
(4) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:			
	10.08.98	ACI	Initial
	04.02.01	SBK	Adapted due to ACI-FIX-1666

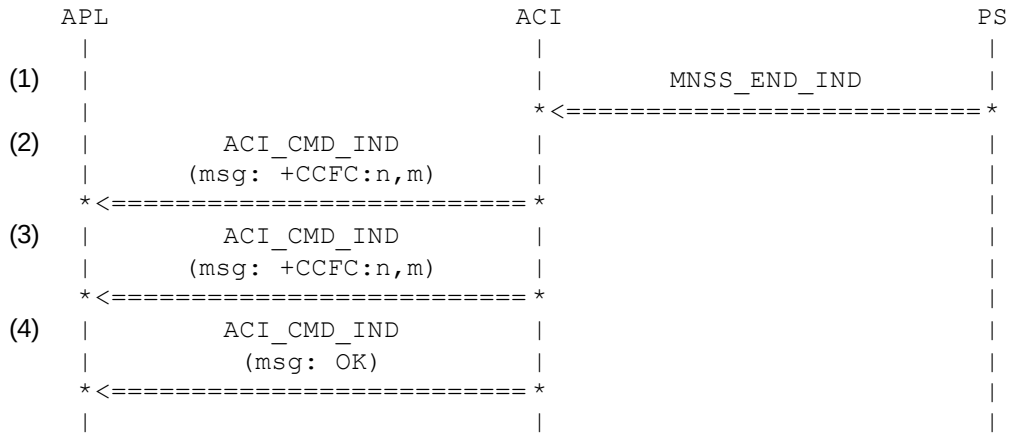
3.4.8 ACISS067: Successful interrogation of Call Forwarding CFNRY

Description:

network returns current status of call forwarding SS

Preamble:

ACISS060C



Parametrization:

	Primitive	Parameter	Value
(1)	MNSS_END_IND		
		ti	NUM_0
		cause	MNSS_CAUSE_NO_NET_CAUSE
		fac_inf	A_FAC_CCFC_CFNRY_IRGT_RES
(2)	ACI_CMD_IND		
		cmd_len	LM_PLUS_CCFC_CFNRY_V
		cmd_seq	M_PLUS_CCFC_CFNRY_V
(3)	ACI_CMD_IND		
		cmd_len	LM_PLUS_CCFC_CFNRY_F
		cmd_seq	M_PLUS_CCFC_CFNRY_F
(4)	ACI_CMD_IND		
		cmd_len	LM_OK
		cmd_seq	M_OK

History:			
	10.08.98	ACI	Initial
	04.02.01	SBK	Adapted due to ACI-FIX-1666

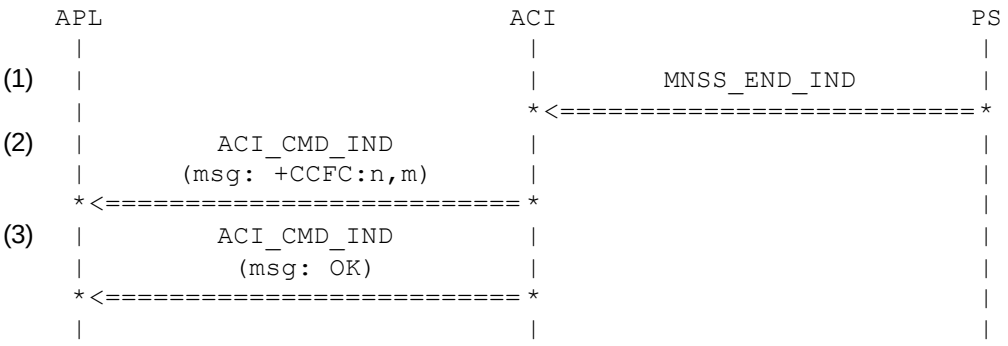
3.4.9 ACISS068: Successful interrogation of Call Forwarding

Description:

network returns current status of call forwarding SS

Preamble:

ACISS060D



Parametrization:

Primitive		Parameter	Value
(1) MNSS_END_IND			
		ti	NUM_0
		cause	MNSS_CAUSE_NO_NET_CAUSE
		fac_inf	A_FAC_CCFC_CFNRC_IRGT_RES
(2) ACI_CMD_IND			
		cmd_len	LM_PLUS_CCFC_CFNRC
		cmd_seq	M_PLUS_CCFC_CFNRC
(3) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK
History:	10.08.98	ACI	Initial
	04.02.01	SBK	Adapted due to ACI-FIX-1666

3.5 SS Notification (ACI080-ACI099)

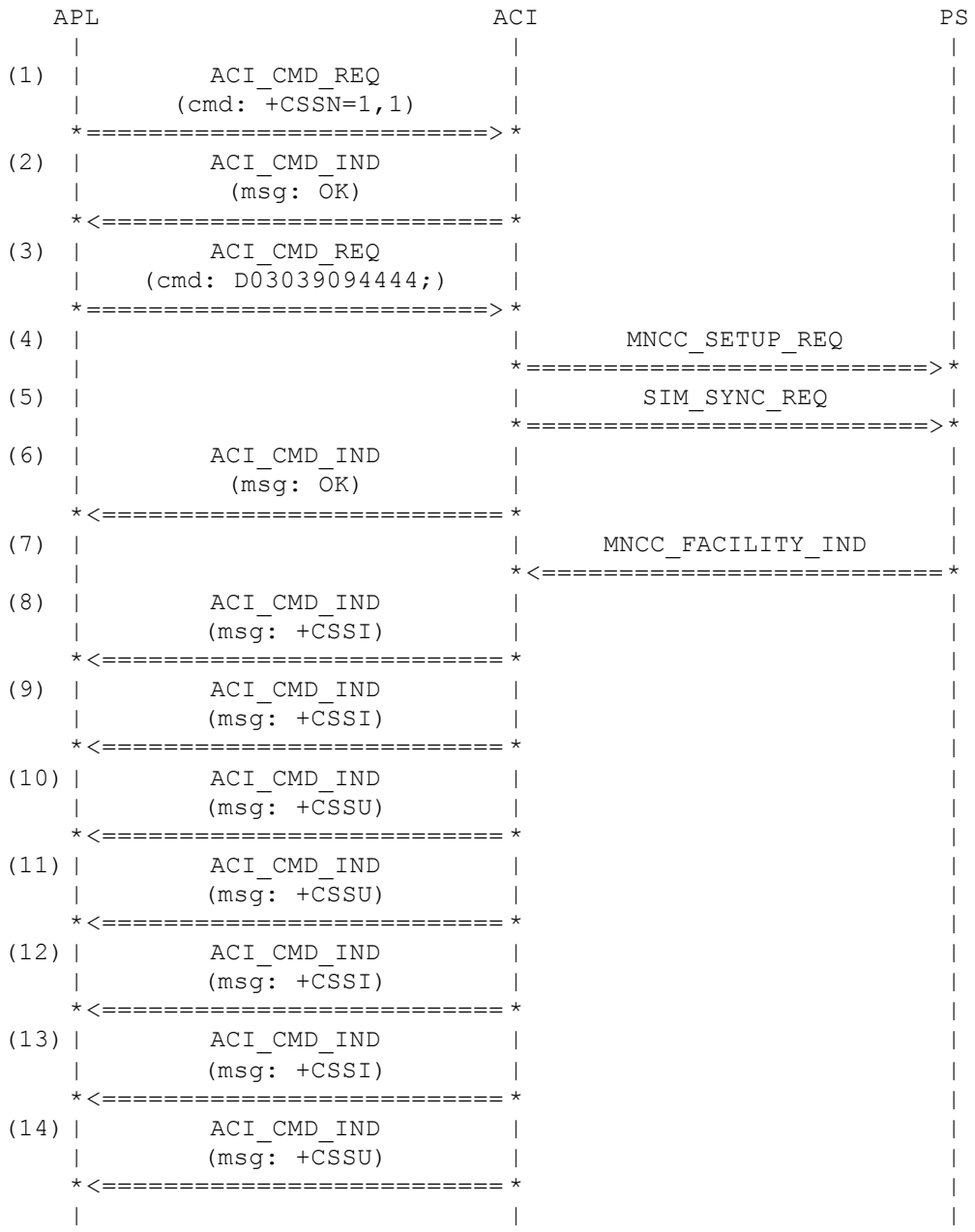
3.5.1 ACISS080: SS Notify

Description:

Receive SS notify during call setup.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CSSN_ON
	cmd_seq	C_PLUS_CSSN_ON
(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(3) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_VOICE
	cmd_seq	C_D_VOICE

(1) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	RI_NOT_PRES
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT
	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(4) SIM_SYNC_REQ		
	synccs	SYNC_START_CALL
(5) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(6) MNCC_FACILITY_IND		
	ti	NUM_0
	fac_context	NOT_USED
	fac_inf	A_FAC_NTFY_SS_1
(7) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSI_CFU
	cmd_seq	M_PLUS_CSSI_CFU
(8) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSI_CW
	cmd_seq	M_PLUS_CSSI_CW
(9) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSU_HLD
	cmd_seq	M_PLUS_CSSU_HLD
(10) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSU_MPTY
	cmd_seq	M_PLUS_CSSU_MPTY
(11) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSI_CUG
	cmd_seq	M_PLUS_CSSI_CUG
(12) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSI_CLIR
	cmd_seq	M_PLUS_CSSI_CLIR
(13) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSU_ECT_ALRT
	cmd_seq	M_PLUS_CSSU_ECT_ALRT

History:	18.05.99	ACI	Initial

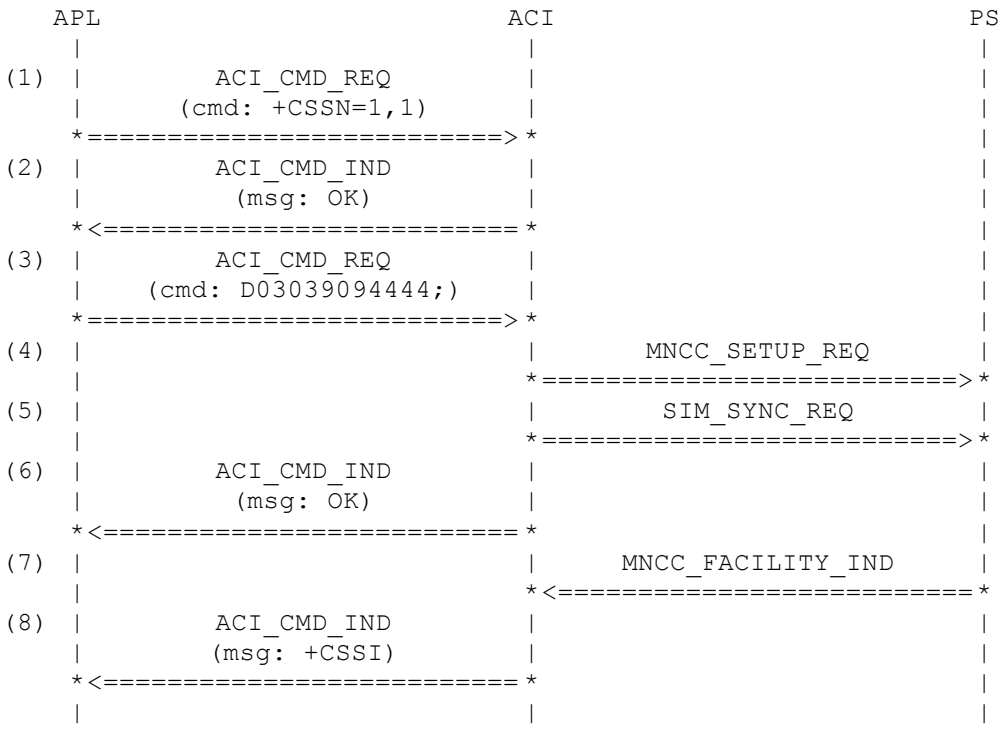
3.5.2 ACISS081: Forward Check SS Indication

Description:

Receive forward check SS indication during call setup.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CSSN_ON
	cmd_seq	C_PLUS_CSSN_ON
(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(3) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_VOICE
	cmd_seq	C_D_VOICE
(4) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	RI_NOT_PRES
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT
	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(5) SIM_SYNC_REQ		
	synccs	SYNC_START_CALL
(6) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

(7) MNCC_FACILITY_IND		
	ti	NUM_0
	fac_context	NOT_USED
	fac_inf	A_FAC_CHECK_SS
(8) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSU_CHK
	cmd_seq	M_PLUS_CSSU_CHK

History: 18.05.99 ACI Initial

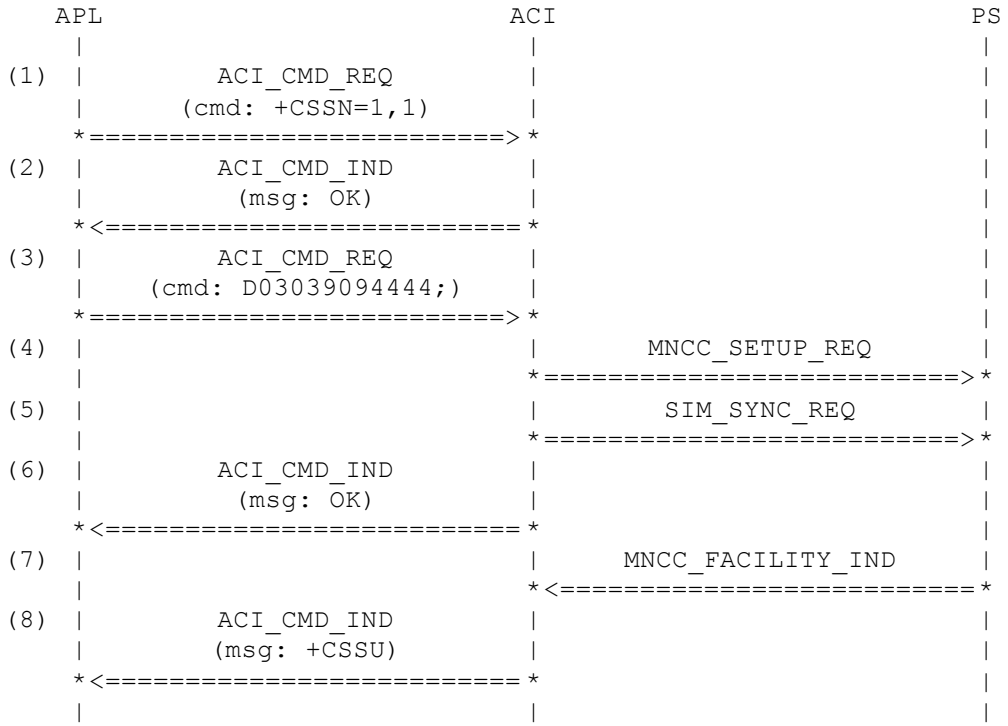
3.5.3 ACISS082: SS Notify for ECT and override case for Redirection Number (RDN)

Description:

Receive Notify SS indication for ECT and the redirection number being present as Presentation Restricted. This is the override case, i.e. when the redirected-to-party belongs to a special override authority allowing to override / overrule the wish of the redirecting-party for being anonymous .

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CSSN_ON
	cmd_seq	C_PLUS_CSSN_ON

(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(3) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_VOICE
	cmd_seq	C_D_VOICE
(4) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	RI_NOT_PRES
	bcpara	S_BS_V
	bcpara2	S_BS_NOT_PRESENT
	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(5) SIM_SYNC_REQ		
	synccs	SYNC_START_CALL
(6) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(7) MNCC_FACILITY_IND		
	ti	NUM_0
	fac_context	NOT_USED
	fac_inf	A_FAC_NTFY_SS_ECT_RSTR
(8) ACI_CMD_IND		
	cmd_len	LM_PLUS_CSSU_ECT_ALRT
	cmd_seq	M_PLUS_CSSU_ECT_ALRT

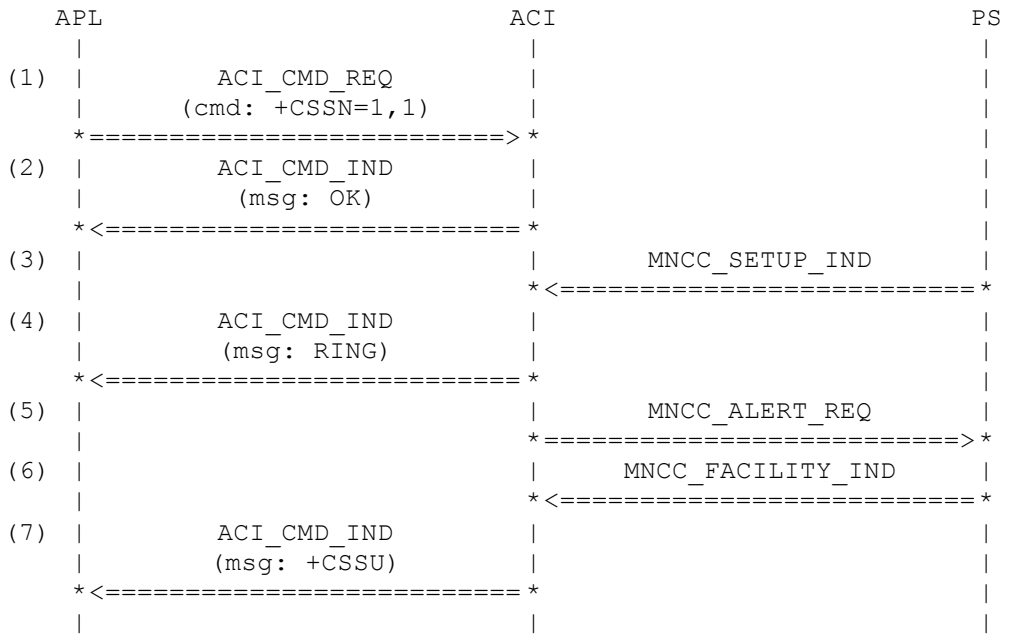
History:	25.07.01	SBK	Initial, due to (G)ACI-FIX-1434

3.5.4 ACISS083: SS Notify: MT call FTA 31.2.1.7.1.1

Description:

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CSSN_ON
	cmd_seq	C_PLUS_CSSN_ON
(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(3) MNCC_SETUP_IND		
	ti	NUM_0
	ri	RI_NOT_PRES
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT
	progress_desc	PROG_NOT_PRES
	sig	SIG_RING_BACK_TONE_ON
	calling_party	S_CLG_PARTY
	calling_party_sub	S_CLG_PARTY_SUB
	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	redirecting_party	NOT_USED
	redirecting_party_sub	NOT_USED
(4) ACI_CMD_IND		
	cmd_len	NUM_ELEMENTS(M_RING)
	cmd_seq	M_RING
(5) MNCC_ALERT_REQ		
	ti	NUM_0
(6) MNCC_FACILITY_IND		
	ti	NUM_0
	fac_context	NOT_USED
	fac_inf	A_FAC_NTFY_SS_FD

(7) ACI_CMD_IND

cmd_len	
NUM_ELEMENTS(M_PLUS_CSSU_FWD)	
cmd_seq	M_PLUS_CSSU_FWD

History:	27.02.03	CLB	Initial, due to FTA fails 31.2.1.7.1.1
	07.04.03	SKA	M_PLUS_CSSU_FWD added

3.6 Closed User Group (ACI0100-ACI109)

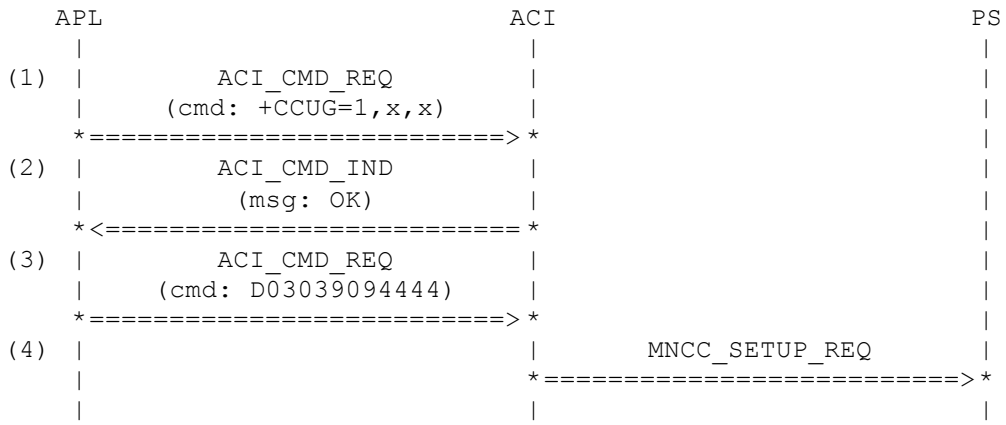
3.6.1 ACISS100: CUG with temporary mode enabled FAILS: to be analyzed

Description:

Enable CUG temporary mode. Send CUG SS during call setup.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(9) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CCUG_ON
	cmd_seq	C_PLUS_CCUG_ON
(10) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(11) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_VOICE
	cmd_seq	C_D_VOICE
(1) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	RI_NOT_PRES
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT

	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	A_FAC_CUG_SS_1

History: 21.05.99 ACI Initial

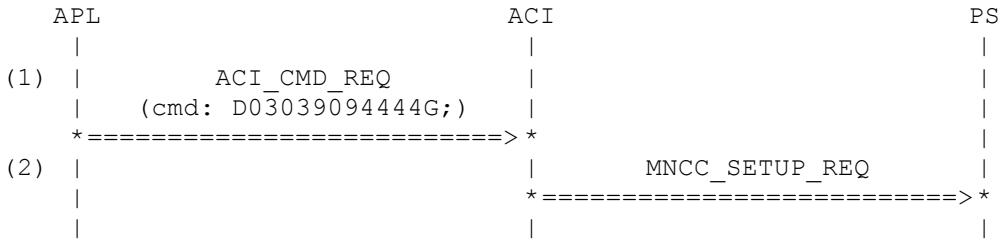
3.6.2 ACISS101: CUG with default parameters FAILS: to be analyzed

Description:

Establish a call using CUG default values. Send CUG SS during call setup.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(12) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_VOICE_CUG
	cmd_seq	C_D_VOICE_CUG
(2) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	RI_NOT_PRES
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT
	called_party	S_CLD_PARTY
	called_party_sub	S_CLD_PARTY_SUB
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	A_FAC_CUG_SS_2

History: 21.05.99 ACI Initial

3.7 SS Password (ACI0110-ACI119)

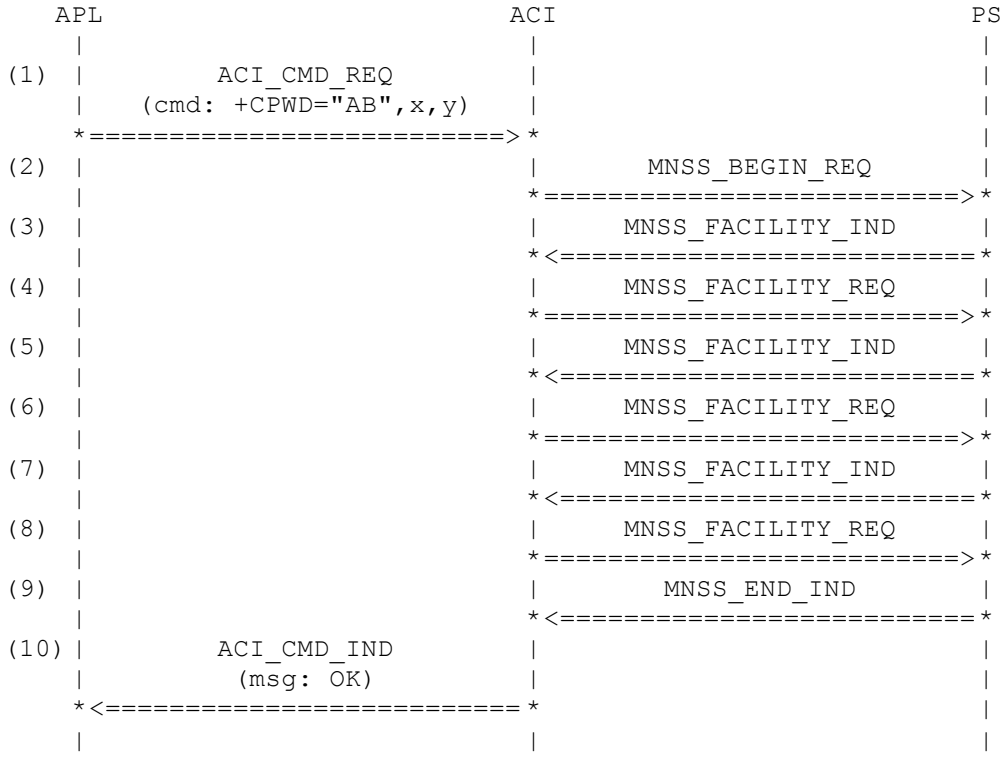
3.7.1 ACISS110: Change Password, successful attempt

Description:

Change the password for all call barring services. Command is successful

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(13) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CPWD_CBALL
	cmd_seq	C_PLUS_CPWD_CBALL
(14) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CPWD_ALLCB_REG
	ss_ver	NOT_USED
(15) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(16) MNSS_FACILITY_REQ		
	ti	NUM_0

	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(17) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_REQ
(18) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_RES
	ss_ver	NOT_USED
(19) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEWAGN_PWD_REQ
(20) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_NEWAGN_PWD_RES
	ss_ver	NOT_USED
(21) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CPWD_ALLCB_RES
(22) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 25.05.99 ACI Initial

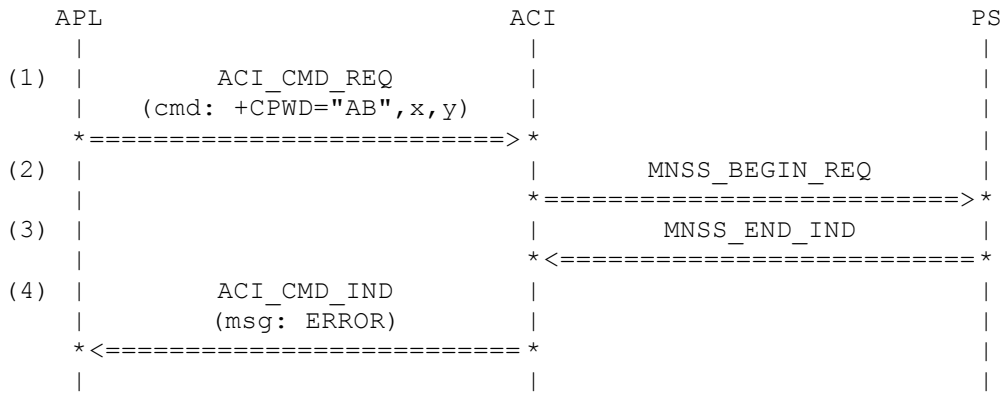
3.7.2 ACISS111: Change Password, subscription violation

Description:

Change the password for all call barring services. Failure due to subscription violation.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(23) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT

	cmd_len	LC_PLUS_CPWD_CBALL
	cmd_seq	C_PLUS_CPWD_CBALL
(24) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CPWD_ALLCB_REG
	ss_ver	NOT_USED
(25) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CPWD_ALLCB_ERR_1
(26) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 25.05.99 ACI Initial

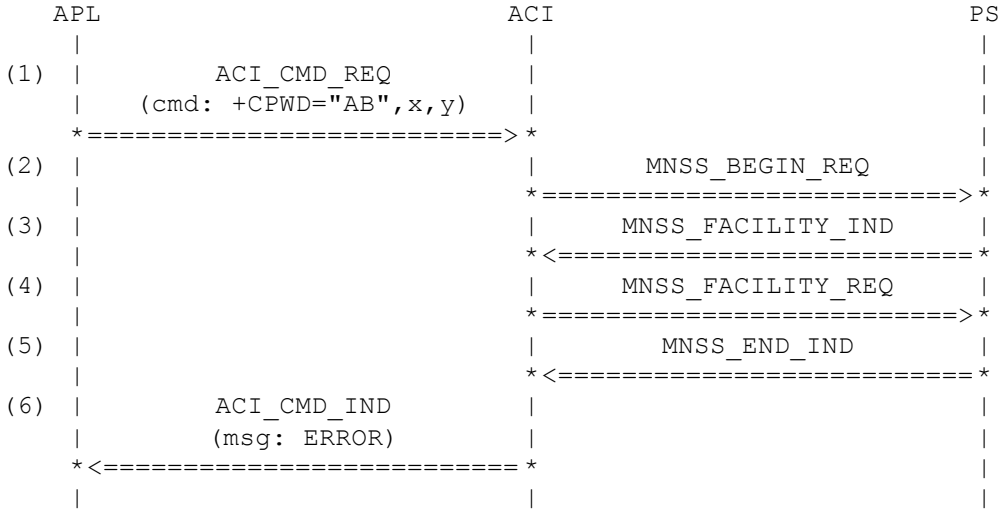
3.7.3 ACISS112: Change Password, negative password check

Description:

Change the password for all call barring services. Password check fails.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(27) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CPWD_CBALL
	cmd_seq	C_PLUS_CPWD_CBALL
(28) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CPWD_ALLCB_REG
	ss_ver	NOT_USED

(29) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(30) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(31) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CPWD_ALLCB_ERR_2
(32) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 25.05.99 ACI Initial

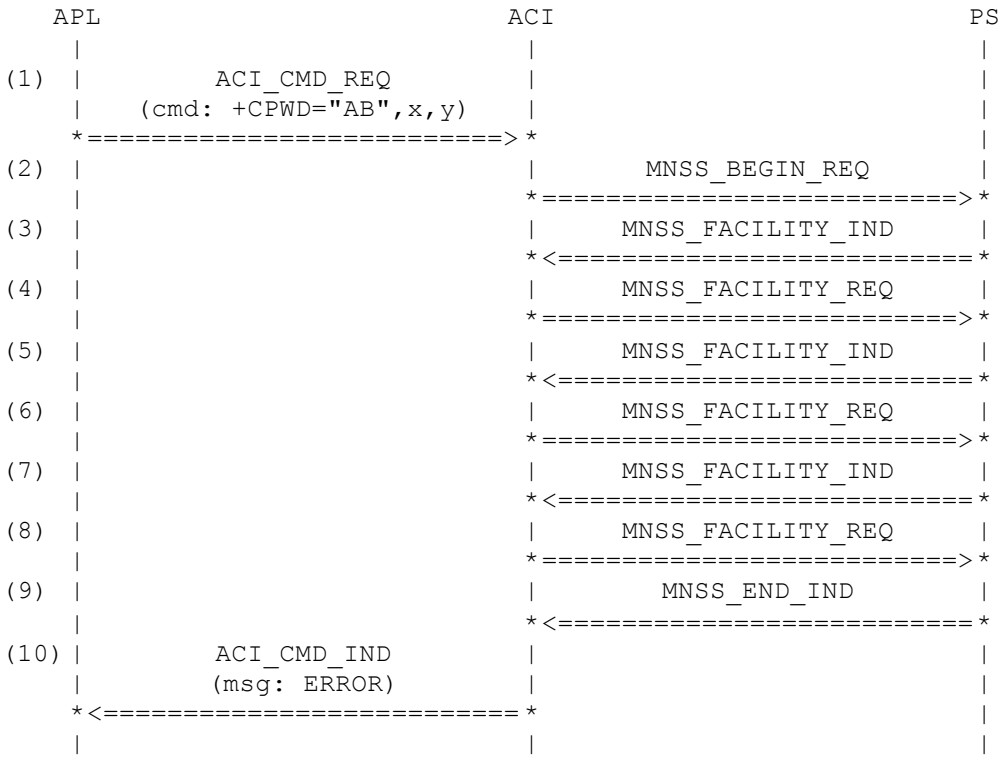
3.7.4 ACISS113: Change Password, new password mismatch

Description:

Change the password for all call barring services. failed due to new password mismatch.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value

(33) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CPWD_CBALL
	cmd_seq	C_PLUS_CPWD_CBALL
(34) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CPWD_ALLCB_REG
	ss_ver	NOT_USED
(35) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(36) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(37) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_REQ
(38) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_RES
	ss_ver	NOT_USED
(39) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEWAGN_PWD_REQ
(40) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_NEWAGN_PWD_RES
	ss_ver	NOT_USED
(41) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CPWD_ALLCB_ERR_3
(42) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History:	25.05.99	ACI	Initial

3.8 Call Barring (ACI120-ACI139)

3.8.1 ACISS120: Interrogate Call Barring status

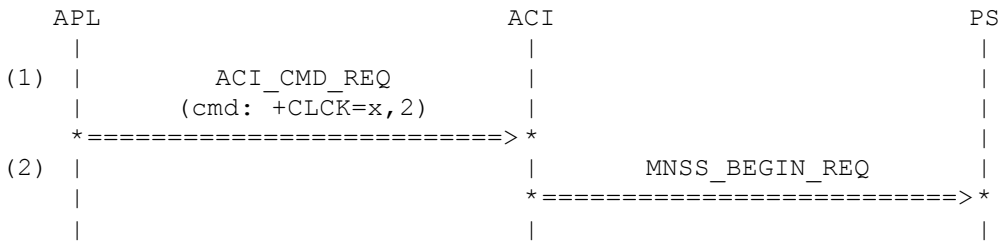
Description:

interrogate network for CB status.

Preamble:

ACISS001

Variants: <A>....<E>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_BAOC_QUERY
<B>	cmd_len	LC_PLUS_CLCK_BOIC_QUERY
<C>	cmd_len	LC_PLUS_CLCK_BOICxHC_QUERY
<D>	cmd_len	LC_PLUS_CLCK_BAIC_QUERY
<E>	cmd_len	LC_PLUS_CLCK_BICR_QUERY
<A>	cmd_seq	C_PLUS_CLCK_BAOC_QUERY
<B>	cmd_seq	C_PLUS_CLCK_BOIC_QUERY
<C>	cmd_seq	C_PLUS_CLCK_BOICxHC_QUERY
<D>	cmd_seq	C_PLUS_CLCK_BAIC_QUERY
<E>	cmd_seq	C_PLUS_CLCK_BICR_QUERY
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_BAOC_IRGT
<B>	fac_inf	A_FAC_CLCK_BOIC_IRGT
<C>	fac_inf	A_FAC_CLCK_BOICxHC_IRGT
<D>	fac_inf	A_FAC_CLCK_BAIC_IRGT
<E>	fac_inf	A_FAC_CLCK_BICR_IRGT
	ss_ver	NOT_USED

History: 18.05.99 ACI Initial

3.8.2 ACISS121: Activate Call Forwarding Voice/Data/Fax

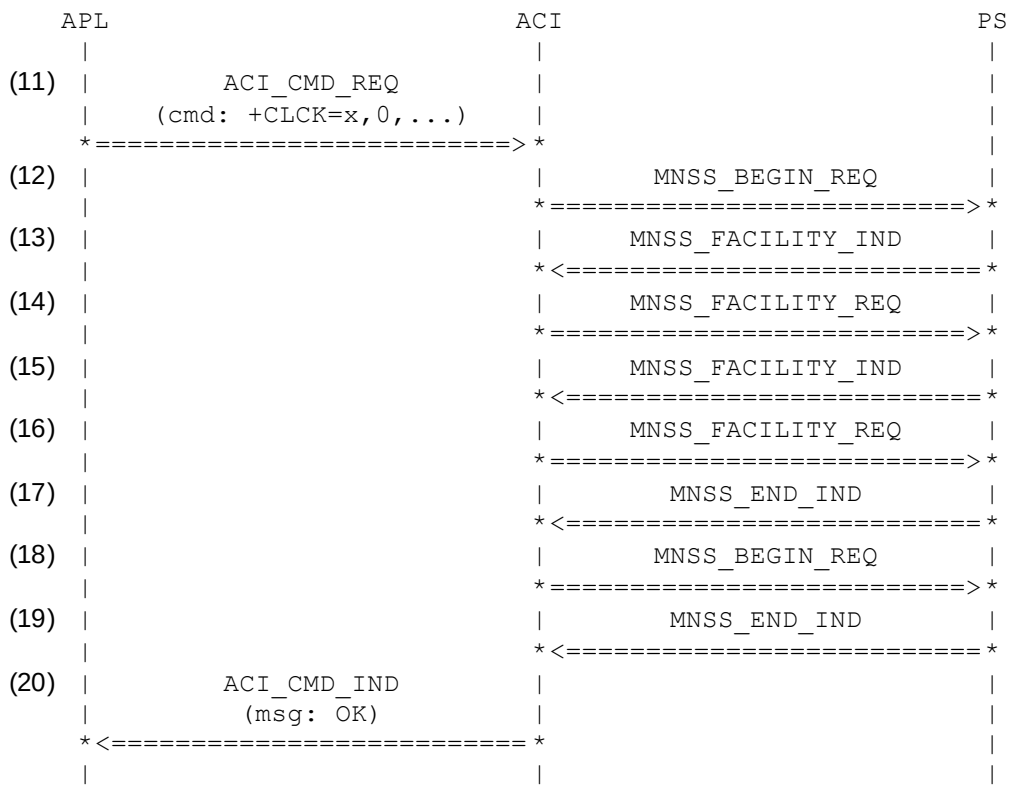
Description:

Activate call forwarding SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<E>



Parametrization:

Primitive	Parameter	Value
(11) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_BAOC_ACT
<B>	cmd_len	LC_PLUS_CLCK_BOIC_ACT
<C>	cmd_len	LC_PLUS_CLCK_BOICxHC_ACT
<D>	cmd_len	LC_PLUS_CLCK_BAIC_ACT
<E>	cmd_len	LC_PLUS_CLCK_BICR_ACT
<A>	cmd_seq	C_PLUS_CLCK_BAOC_ACT
<B>	cmd_seq	C_PLUS_CLCK_BOIC_ACT
<C>	cmd_seq	C_PLUS_CLCK_BOICxHC_ACT
<D>	cmd_seq	C_PLUS_CLCK_BAIC_ACT
<E>	cmd_seq	C_PLUS_CLCK_BICR_ACT
(12) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_VF
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_VF
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_VF
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_VF
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_VF
	ss_ver	NOT_USED
(13) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(14) MNSS_FACILITY_REQ		
	ti	NUM_0

	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(15) MNSS_FACILITY_IND		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_REQ_2
(16) MNSS_FACILITY_REQ		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_RES_2
	ss_ver	NOT_USED
(17) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_VF_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_VF_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_VF_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_VF_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_VF_RES
(18) MNSS_BEGIN_REQ		
	ti	NUM_1
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_D
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_D
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_D
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_D
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_D
	ss_ver	NOT_USED
(19) MNSS_END_IND		
	ti	NUM_1
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_D_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_D_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_D_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_D_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_D_RES
(20) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	18.05.99	ACI	Initial

3.8.3 ACISS122: Deactivate Call Barring Voice/Data/Fax

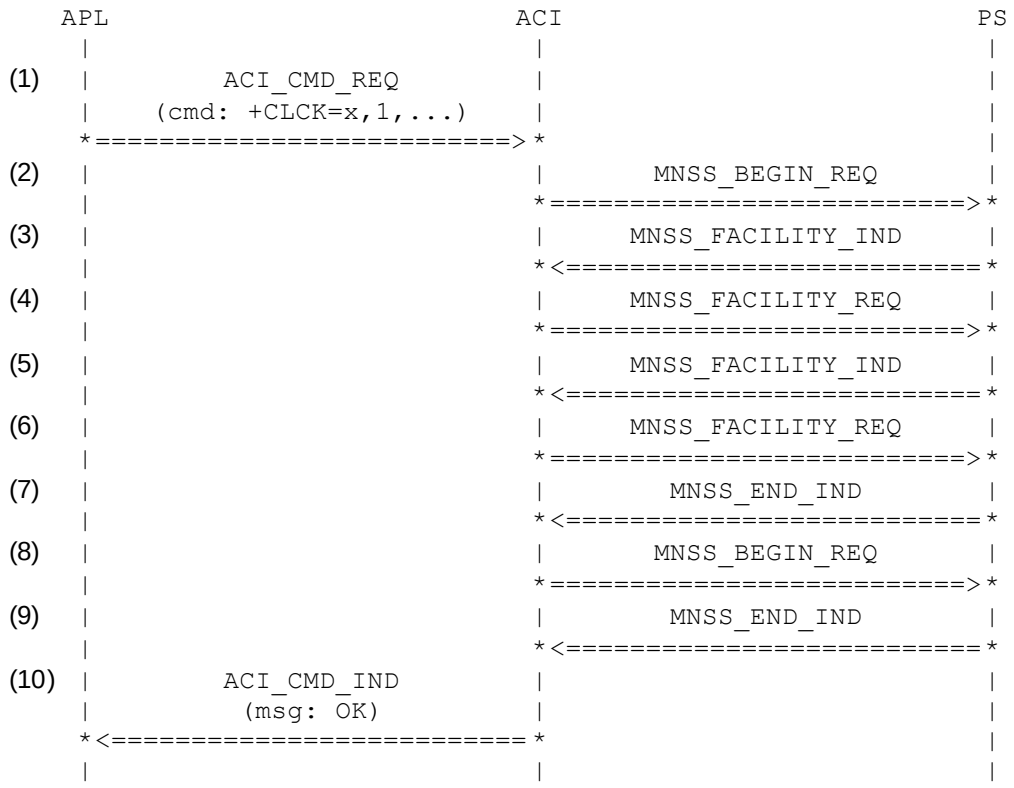
Description:

Deactivate call barring SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<H>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_ALLCB_DEACT
<B>	cmd_len	LC_PLUS_CLCK_ALLOUT_DEACT
<C>	cmd_len	LC_PLUS_CLCK_ALLIN_DEACT
<D>	cmd_len	LC_PLUS_CLCK_BAOC_DEACT
<E>	cmd_len	LC_PLUS_CLCK_BOIC_DEACT
<F>	cmd_len	LC_PLUS_CLCK_BOICxHC_DEACT
<G>	cmd_len	LC_PLUS_CLCK_BAIC_DEACT
<H>	cmd_len	LC_PLUS_CLCK_BICR_DEACT
<A>	cmd_seq	C_PLUS_CLCK_ALLCB_DEACT
<B>	cmd_seq	C_PLUS_CLCK_ALLOUT_DEACT
<C>	cmd_seq	C_PLUS_CLCK_ALLIN_DEACT
<D>	cmd_seq	C_PLUS_CLCK_BAOC_DEACT
<E>	cmd_seq	C_PLUS_CLCK_BOIC_DEACT
<F>	cmd_seq	C_PLUS_CLCK_BOICxHC_DEACT
<G>	cmd_seq	C_PLUS_CLCK_BAIC_DEACT
<H>	cmd_seq	C_PLUS_CLCK_BICR_DEACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_ALLCB_DEACT_VF
<B>	fac_inf	A_FAC_CLCK_ALLOUT_DEACT_VF
<C>	fac_inf	A_FAC_CLCK_ALLIN_DEACT_VF
<D>	fac_inf	A_FAC_CLCK_BAOC_DEACT_VF
<E>	fac_inf	A_FAC_CLCK_BOIC_DEACT_VF
<F>	fac_inf	A_FAC_CLCK_BOICxHC_DEACT_VF
<G>	fac_inf	A_FAC_CLCK_BAIC_DEACT_VF

<H>	fac_inf	A_FAC_CLCK_BICR_DEACT_VF
	ss_ver	NOT_USED
(3) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(4) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(5) MNSS_FACILITY_IND		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_REQ_2
(6) MNSS_FACILITY_REQ		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_RES_2
	ss_ver	NOT_USED
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_ALLCB_DEACT_VF_RES
<B>	fac_inf	A_FAC_CLCK_ALLOUT_DEACT_VF_RES
<C>	fac_inf	A_FAC_CLCK_ALLIN_DEACT_VF_RES
<D>	fac_inf	A_FAC_CLCK_BAOC_DEACT_VF_RES
<E>	fac_inf	A_FAC_CLCK_BOIC_DEACT_VF_RES
<F>	fac_inf	A_FAC_CLCK_BOICxHC_DACT_VF_RES
<G>	fac_inf	A_FAC_CLCK_BAIC_DEACT_VF_RES
<H>	fac_inf	A_FAC_CLCK_BICR_DEACT_VF_RES
(8) MNSS_BEGIN_REQ		
	ti	NUM_1
<A>	fac_inf	A_FAC_CLCK_ALLCB_DEACT_D
<B>	fac_inf	A_FAC_CLCK_ALLOUT_DEACT_D
<C>	fac_inf	A_FAC_CLCK_ALLIN_DEACT_D
<D>	fac_inf	A_FAC_CLCK_BAOC_DEACT_D
<E>	fac_inf	A_FAC_CLCK_BOIC_DEACT_D
<F>	fac_inf	A_FAC_CLCK_BOICxHC_DEACT_D
<G>	fac_inf	A_FAC_CLCK_BAIC_DEACT_D
<H>	fac_inf	A_FAC_CLCK_BICR_DEACT_D
	ss_ver	NOT_USED
(9) MNSS_END_IND		
	ti	NUM_1
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_ALLCB_DEACT_D_RES
<B>	fac_inf	A_FAC_CLCK_ALLOUT_DEACT_D_RES
<C>	fac_inf	

		A_FAC_CLCK_ALLIN_DEACT_D_RES
<D>	fac_inf	
		A_FAC_CLCK_BAOC_DEACT_D_RES
<E>	fac_inf	A_FAC_CLCK_BOIC_DEACT_D_RES
<F>	fac_inf	
		A_FAC_CLCK_BOICxHC_DACT_D_RES
<G>	fac_inf	A_FAC_CLCK_BAIC_DEACT_D_RES
<H>	fac_inf	A_FAC_CLCK_BICR_DEACT_D_RES
(10) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
History:	18.05.99	ACIInitial

3.8.4 ACISS123: Activate Call Forwarding Voice/Data/Fax/SMS

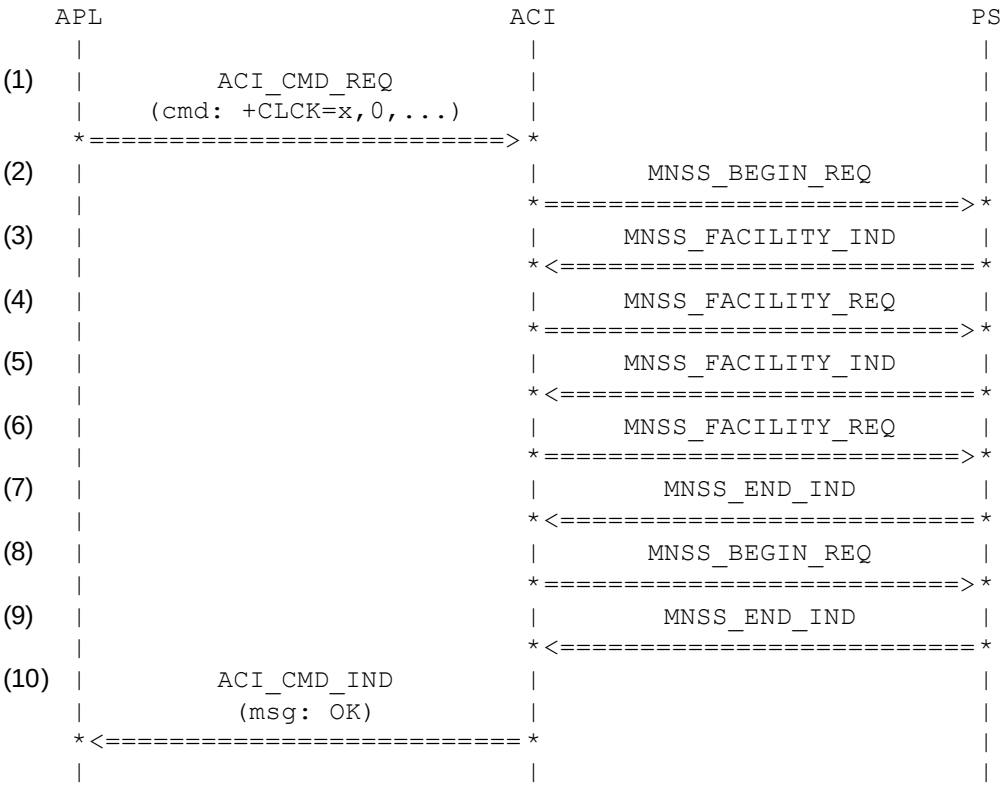
Description:

Activate call forwarding SS for voice, data, fax and SMS.

Preamble:

ACISS001

Variants: <A>....<E>



Parametrization:

Primitive	Parameter	Value

(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_BAOC_ALL_ACT
<B>	cmd_len	LC_PLUS_CLCK_BOIC_ALL_ACT
<C>	cmd_len	LC_PLUS_CLCK_BOICxHC_ALL_ACT
<D>	cmd_len	LC_PLUS_CLCK_BAIC_ALL_ACT
<E>	cmd_len	LC_PLUS_CLCK_BICR_ALL_ACT
<A>	cmd_seq	C_PLUS_CLCK_BAOC_ALL_ACT
<B>	cmd_seq	C_PLUS_CLCK_BOIC_ALL_ACT
<C>	cmd_seq	C_PLUS_CLCK_BOICxHC_ALL_ACT
<D>	cmd_seq	C_PLUS_CLCK_BAIC_ALL_ACT
<E>	cmd_seq	C_PLUS_CLCK_BICR_ALL_ACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_BAOC_ALL_ACT_VF
<B>	fac_inf	A_FAC_CLCK_BOIC_ALL_ACT_VF
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ALL_ACT_VF
<D>	fac_inf	A_FAC_CLCK_BAIC_ALL_ACT_VF
<E>	fac_inf	A_FAC_CLCK_BICR_ALL_ACT_VF
	ss_ver	NOT_USED
(3) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(4) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(5) MNSS_FACILITY_IND		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_REQ_2
(6) MNSS_FACILITY_REQ		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_RES_2
	ss_ver	NOT_USED
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ALL_ACT_VF_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ALL_ACT_VF_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ALL_ACT_VF_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ALL_ACT_VF_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ALL_ACT_VF_RES
(8) MNSS_BEGIN_REQ		
	ti	NUM_1
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_D
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_D
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_D
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_D
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_D
	ss_ver	NOT_USED
(9) MNSS_END_IND		
	ti	NUM_1

	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_D_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_D_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_D_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_D_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_D_RES
(10) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 16.01.02 KGT Initial

3.8.5 ACISS124: Deactivate Call Barring Voice/Data/Fax/SMS

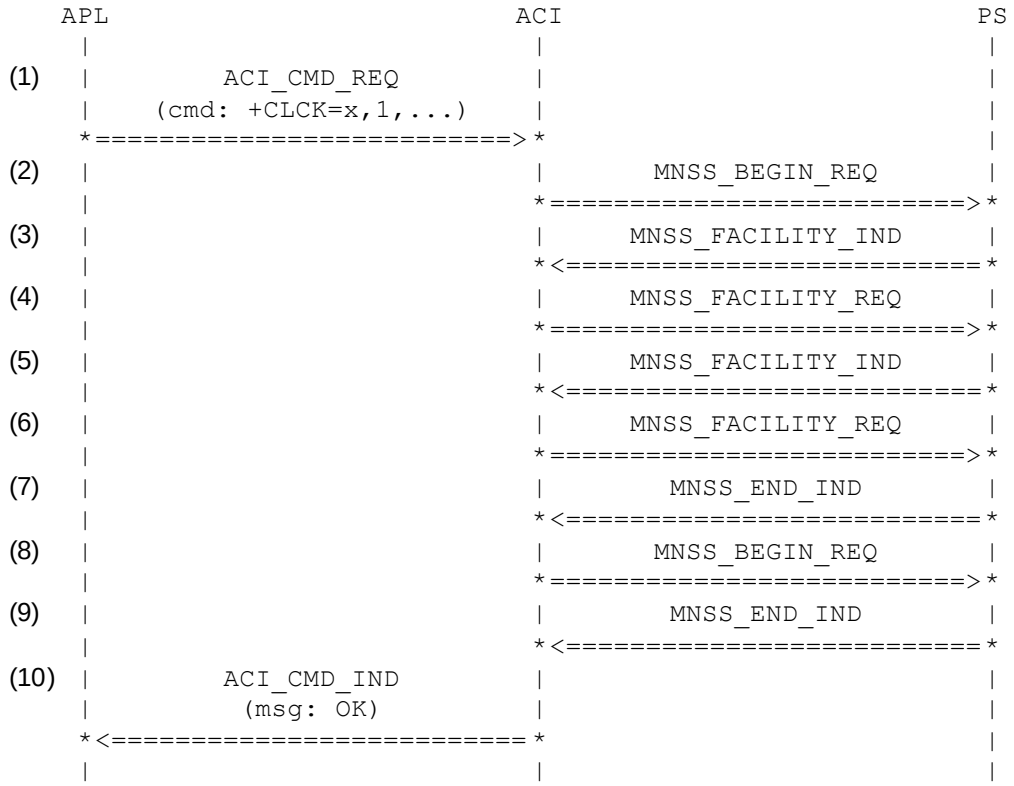
Description:

Deactivate call barring SS for voice, data and fax.

Preamble:

ACISS001

Variants: <A>....<E>



Parametrization:

Primitive	Parameter	Value

(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_BAOC_ALL_DEACT
<B>	cmd_len	LC_PLUS_CLCK_BOIC_ALL_DEACT
<C>	cmd_len	LC_PLUS_CLCK_BOICxHC_ALL_DEACT
<D>	cmd_len	LC_PLUS_CLCK_BAIC_ALL_DEACT
<E>	cmd_len	LC_PLUS_CLCK_BICR_ALL_DEACT
<A>	cmd_seq	C_PLUS_CLCK_BAOC_ALL_DEACT
<B>	cmd_seq	C_PLUS_CLCK_BOIC_ALL_DEACT
<C>	cmd_seq	C_PLUS_CLCK_BOICxHC_ALL_DEACT
<D>	cmd_seq	C_PLUS_CLCK_BAIC_ALL_DEACT
<E>	cmd_seq	C_PLUS_CLCK_BICR_ALL_DEACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_BAOC_ALL_DEACT_VF
<B>	fac_inf	A_FAC_CLCK_BOIC_ALL_DEACT_VF
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ALL_DEACT_VF
<D>	fac_inf	A_FAC_CLCK_BAIC_ALL_DEACT_VF
<E>	fac_inf	A_FAC_CLCK_BICR_ALL_DEACT_VF
	ss_ver	NOT_USED
(3) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(4) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(5) MNSS_FACILITY_IND		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_REQ_2
(6) MNSS_FACILITY_REQ		
	ti	NUM_1
	fac_inf	A_FAC_ENTER_PWD_RES_2
	ss_ver	NOT_USED
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ALL_DEACT_VF_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ALL_DEACT_VF_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_DACT_VF_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ALL_DEACT_VF_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ALL_DEACT_VF_RES
(8) MNSS_BEGIN_REQ		
	ti	NUM_1
<A>	fac_inf	A_FAC_CLCK_BAOC_DEACT_D

<B>	fac_inf	A_FAC_CLCK_BOIC_DEACT_D
<C>	fac_inf	A_FAC_CLCK_BOICxHC_DEACT_D
<D>	fac_inf	A_FAC_CLCK_BAIC_DEACT_D
<E>	fac_inf	A_FAC_CLCK_BICR_DEACT_D
	ss_ver	NOT_USED
(9) MNSS_END_IND		
	ti	NUM_1
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_DEACT_D_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_DEACT_D_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_DACT_D_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_DEACT_D_RES
<E>	fac_inf	A_FAC_CLCK_BICR_DEACT_D_RES
(10) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	21.01.02	KGT	Initial

3.8.6 ACISS125: Activate Call Barring no class entered

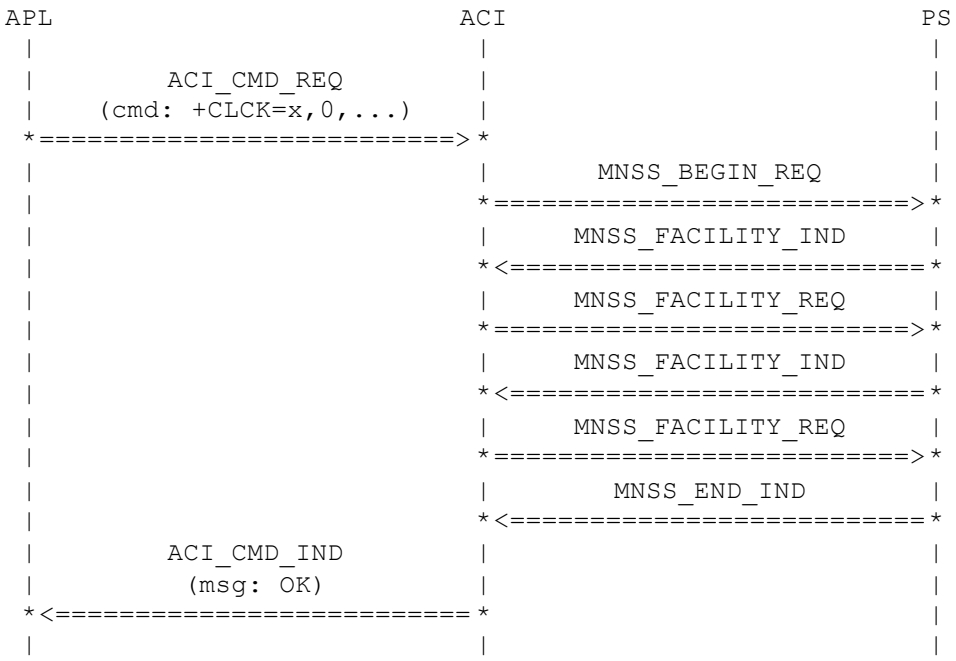
Description:

Activate call barring SS for no class entered.

Preamble:

ACISS001

Variants: <A>....<E>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PLUS_CLCK_BAOC_DEF_ACT
<B>	cmd_len	LC_PLUS_CLCK_BOIC_DEF_ACT
<C>	cmd_len	LC_PLUS_CLCK_BOICxHC_DEF_ACT
<D>	cmd_len	LC_PLUS_CLCK_BAIC_DEF_ACT
<E>	cmd_len	LC_PLUS_CLCK_BICR_DEF_ACT
<A>	cmd_seq	C_PLUS_CLCK_BAOC_DEF_ACT
<B>	cmd_seq	C_PLUS_CLCK_BOIC_DEF_ACT
<C>	cmd_seq	C_PLUS_CLCK_BOICxHC_DEF_ACT
<D>	cmd_seq	C_PLUS_CLCK_BAIC_DEF_ACT
<E>	cmd_seq	C_PLUS_CLCK_BICR_DEF_ACT
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT
<E>	fac_inf	A_FAC_CLCK_BICR_ACT
	ss_ver	NOT_USED
(3) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(4) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(5) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ_2
(6) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES_2
	ss_ver	NOT_USED
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CLCK_BAOC_ACT_VF_RES
<B>	fac_inf	A_FAC_CLCK_BOIC_ACT_VF_RES
<C>	fac_inf	A_FAC_CLCK_BOICxHC_ACT_VF_RES
<D>	fac_inf	A_FAC_CLCK_BAIC_ACT_VF_RES
<E>	fac_inf	A_FAC_CLCK_BICR_ACT_VF_RES
(8) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 21.01.02 KGT Initial

3.9 Unstructured SS (ACI0140-ACI149)

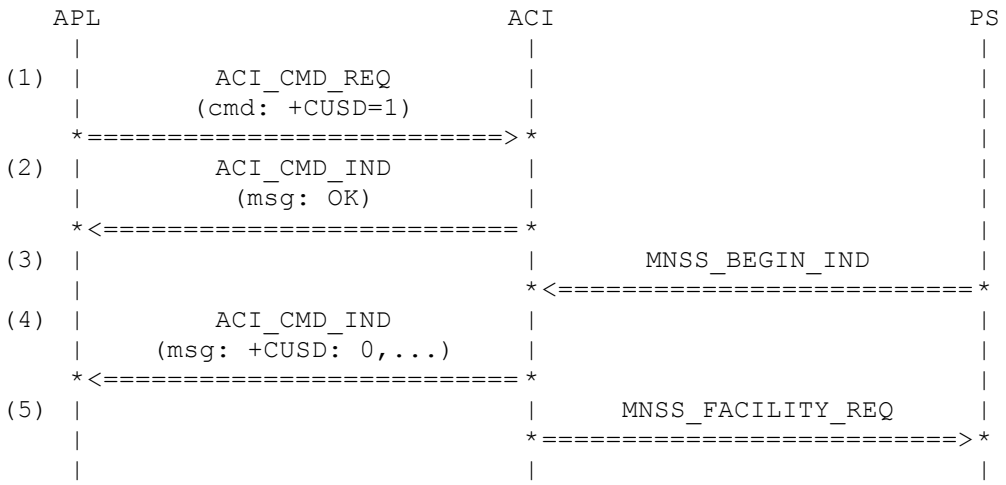
3.9.1 ACISS140: Unstructured SS notify

Description:

Network initiated unstructured SS notification.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON
(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(3) MNSS_BEGIN_IND		
	ti	NUM_8
	fac_inf	A_FAC_USSD_NTFY
(4) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_NTFY
	cmd_seq	M_PLUS_CUSD_NTFY
(5) MNSS_FACILITY_REQ		
	ti	NUM_8
	fac_inf	A_FAC_USSD_NTFY_RES
	ss_ver	NOT_USED

History: 25.05.99 ACI Initial

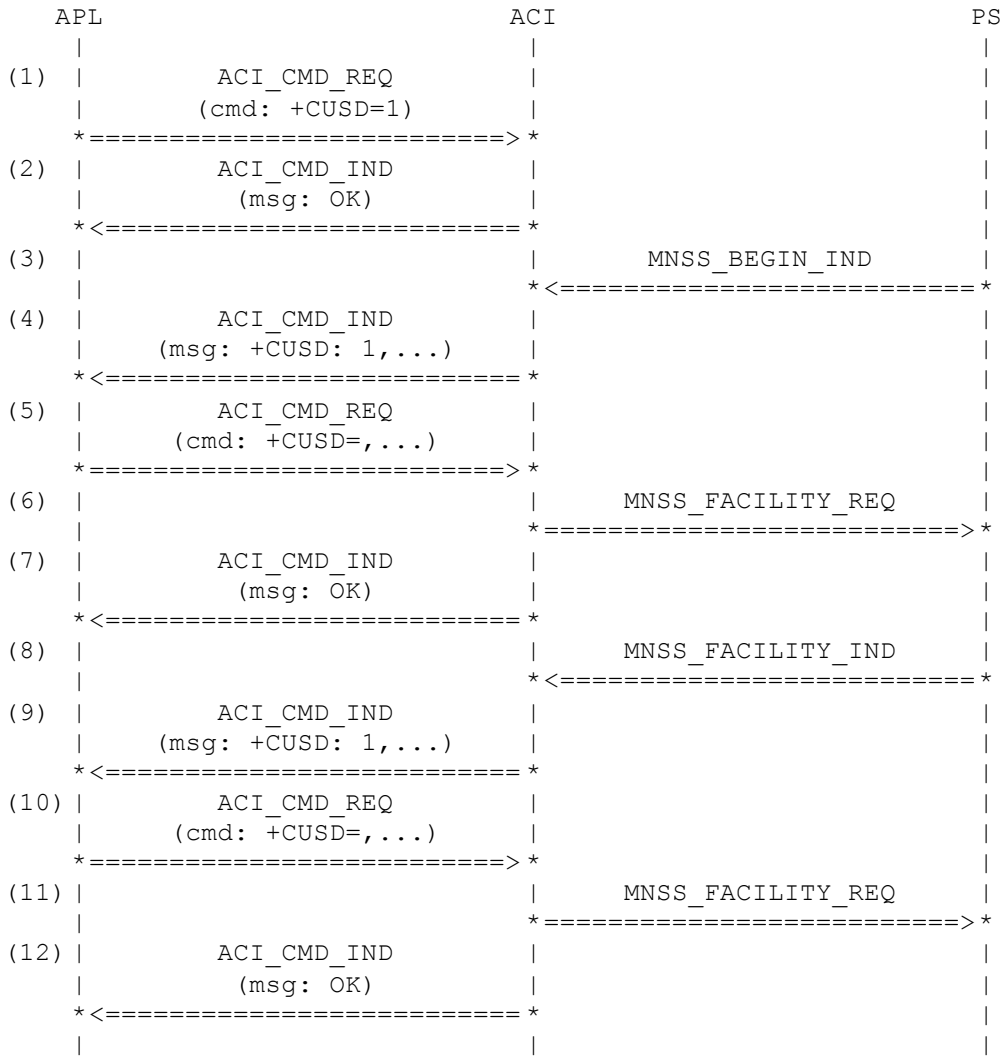
3.9.2 ACISS141: Unstructured SS request

Description:

Network initiated unstructured SS request.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON
(2) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

(3) MNSS_BEGIN_IND		
	ti	NUM_8
	fac_inf	A_FAC_USSD_REQ
(4) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_REQ
	cmd_seq	M_PLUS_CUSD_REQ
(5) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(6) MNSS_FACILITY_REQ		
	ti	NUM_8
	fac_inf	A_FAC_USSD_REQ_RES
	ss_ver	NOT_USED
(7) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(8) MNSS_FACILITY_IND		
	ti	NUM_8
	fac_inf	A_FAC_USSD_REQ
(9) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_REQ
	cmd_seq	M_PLUS_CUSD_REQ
(10) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(11) MNSS_FACILITY_REQ		
	ti	NUM_8
	fac_inf	A_FAC_USSD_REQ_RES
	ss_ver	NOT_USED
(12) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	25.05.99	ACI	Initial

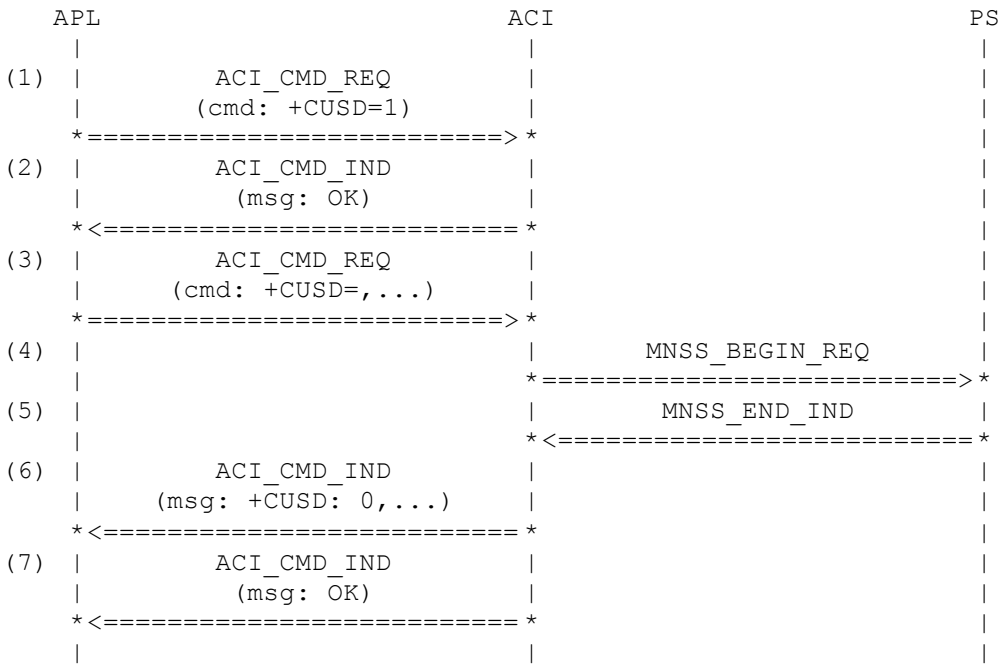
3.9.3 ACISS142: Process Unstructured SS request, no network request involved

Description:

Mobile initiated process unstructured SS request. The network does not request USSD during transaction.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(13) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON
(14) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(15) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(16) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC
	ss_ver	NOT_USED
(17) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_PROC_RES
(18) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_PROC_RES
	cmd_seq	M_PLUS_CUSD_PROC_RES
(19) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 25.05.99 ACI Initial

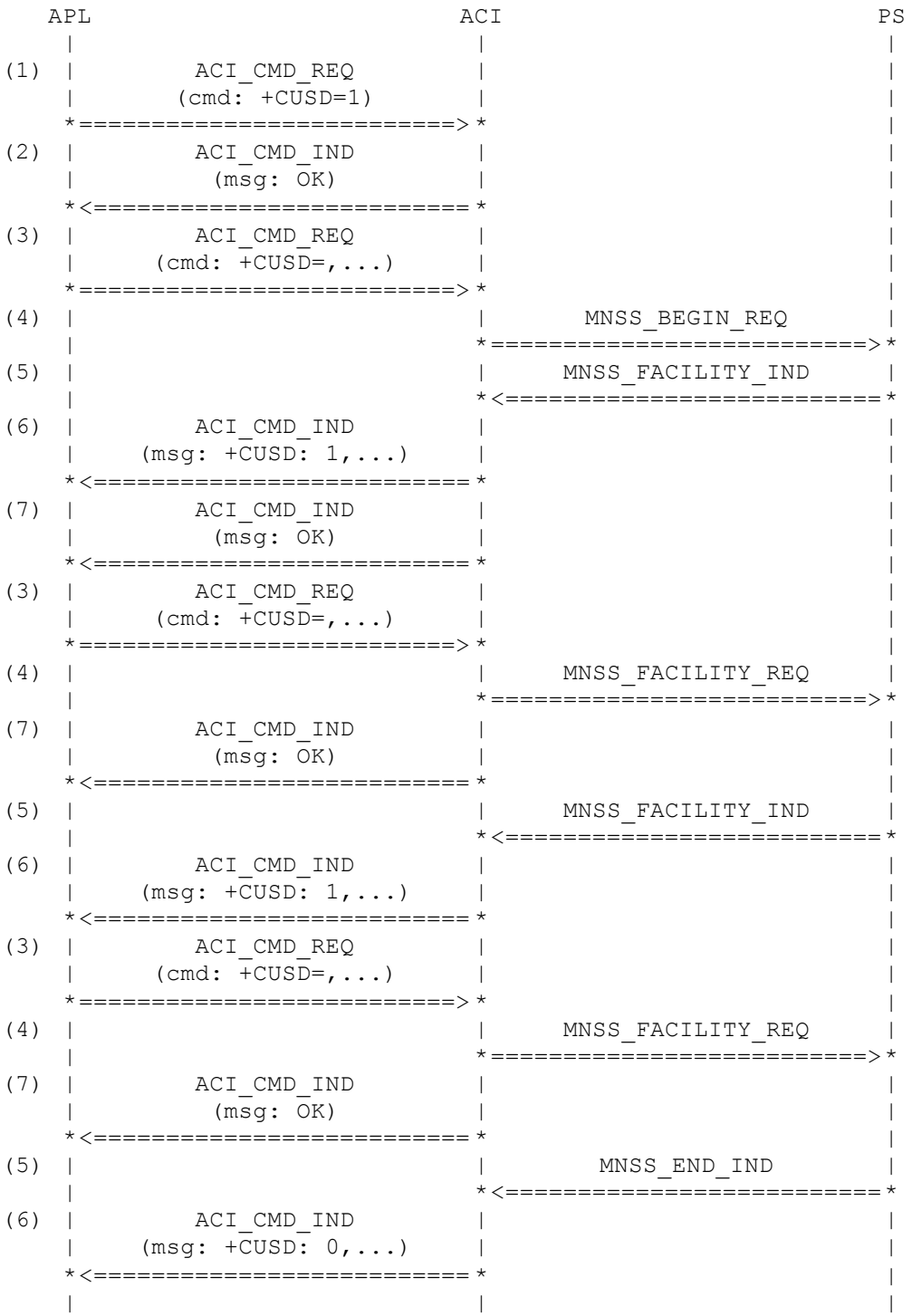
3.9.4 ACISS143: Process Unstructured SS request, with network request involved

Description:

Mobile initiated process unstructured SS request. The network does request USSD during transaction.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(20) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON

(21) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(22) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(23) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC
	ss_ver	NOT_USED
(24) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_USSD_REQ
(25) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_REQ
	cmd_seq	M_PLUS_CUSD_REQ
(26) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(27) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(28) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_REQ_RES
	ss_ver	NOT_USED
(29) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(30) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_USSD_REQ
(31) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_REQ
	cmd_seq	M_PLUS_CUSD_REQ
(32) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(33) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_REQ_RES
	ss_ver	NOT_USED
(34) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(35) MNSS_END_IND		
	ti	NUM_0

	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_PROC_RES
(36) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_PROC_RES
	cmd_seq	M_PLUS_CUSD_PROC_RES

History: 25.05.99 ACI Initial

3.9.5 ACISS144: Process Unstructured SS request, network supports only version 1 protocol

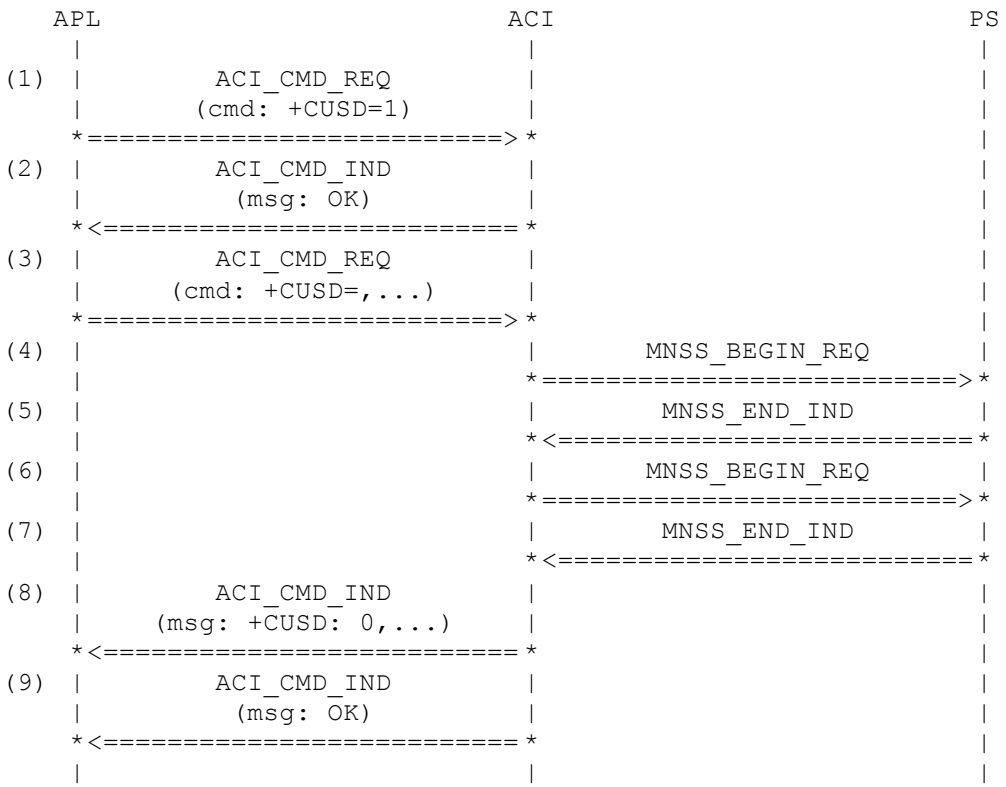
Description:

Mobile initiated process unstructured SS request. The network does not support version 2 protocol. Message has to be repeated using version 1 protocol. Successful outcome.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(37) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON

(38) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(39) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(40) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC
	ss_ver	A_SS_VER_2
(41) MNSS_END_IND		
	ti	NUM_0
<A>	cause	MNSS_CAUSE_NO_NET_CAUSE
<B>	cause	MNSS_CAUSE_FACILITY_REJECT
<A>	fac_inf	A_FAC_USSD_PROC_REJ
<B>	fac_inf	NOT_USED
(42) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC_IA5
	ss_ver	A_SS_VER_1
(43) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_DAT_RES
(44) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_DAT_RES
	cmd_seq	M_PLUS_CUSD_DAT_RES
(45) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	25.05.99	ACI	Initial

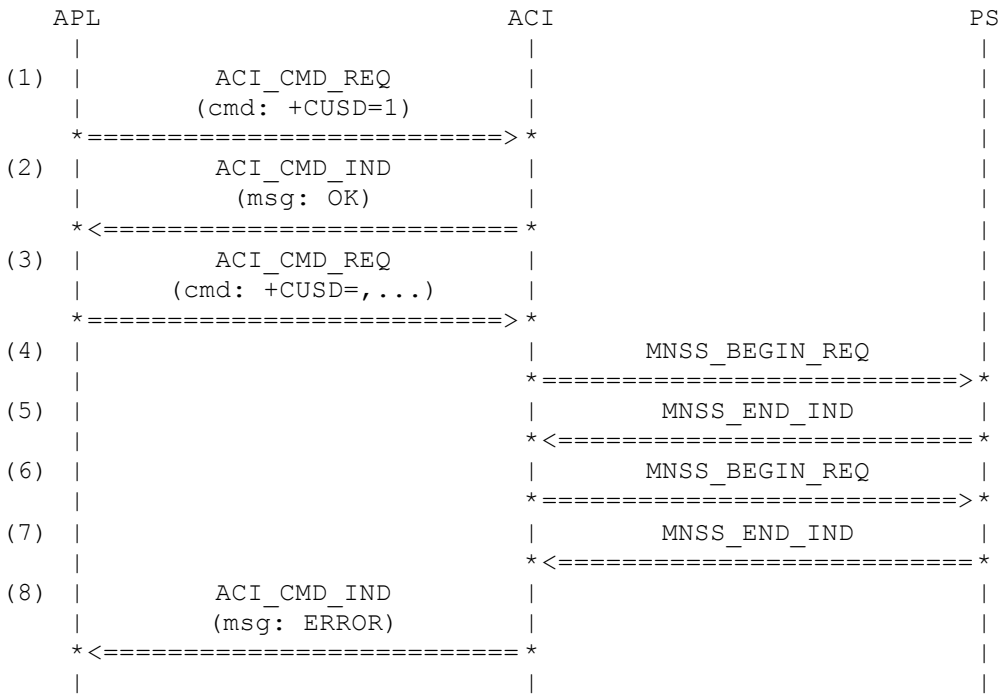
3.9.6 ACISS145: Process Unstructured SS request, network does not support USSD

Description:

Mobile initiated process unstructured SS request. The network does not support any version of the USSD protocol. Unsuccessful outcome.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(46) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_ON
	cmd_seq	C_PLUS_CUSD_ON
(47) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK
(48) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CUSD_SEND
	cmd_seq	C_PLUS_CUSD_SEND
(49) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC
	ss_ver	A_SS_VER_2
(50) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_PROC_REJ
(51) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC_IA5
	ss_ver	A_SS_VER_1
(52) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_PROC_REJ

(53) ACI_CMD_IND			
		cmd_len	LM_ERROR
		cmd_seq	M_ERROR
History:	25.05.99	ACI	Initial

3.9.7 ACISS146: Unstructured SS control string, network supports only version 1 protocol

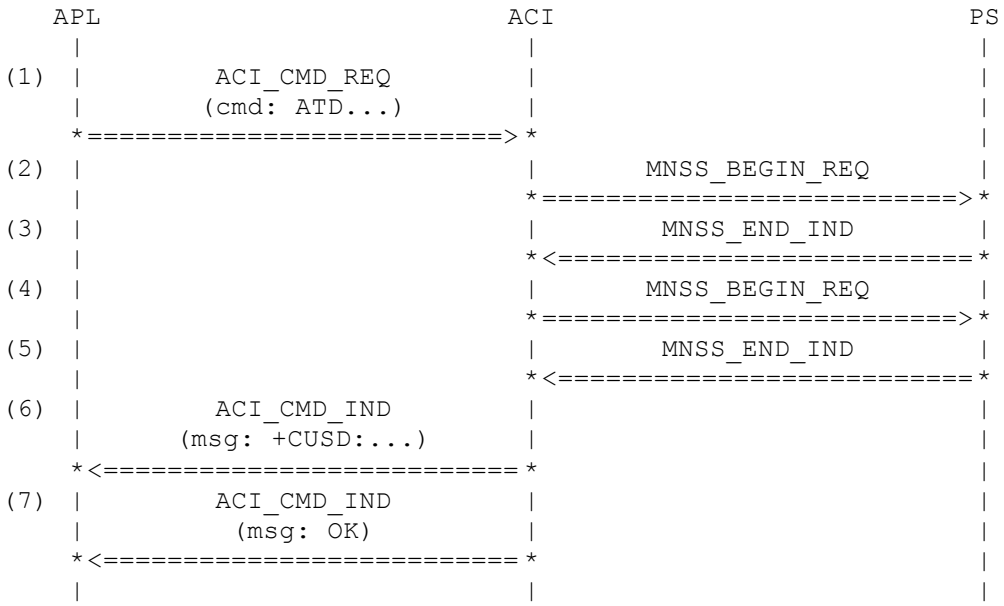
Description:

Mobile initiated process unstructured SS request. The network does not support version 2 protocol. Message has to be repeated using version 1 protocol. Successful outcome.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_30
	cmd_seq	C_D_KSD_30
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC_KSD
	ss_ver	A_SS_VER_2
(3) MNSS_END_IND		
	ti	NUM_0
<A>	cause	MNSS_CAUSE_NO_NET_CAUSE
<B>	cause	MNSS_CAUSE_FACILITY_REJECT
<A>	fac_inf	A_FAC_USSD_PROC_REJ
<B>	fac_inf	NOT_USED

(4) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_USSD_PROC_KSD_IA5
	ss_ver	A_SS_VER_1
(5) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_USSD_DAT_RES
(6) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_ATD_RES
	cmd_seq	M_PLUS_CUSD_ATD_RES
(7) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	25.05.99	ACI	Initial
	07.01.02	SBK	Adapted due to ACI-FIX-1666

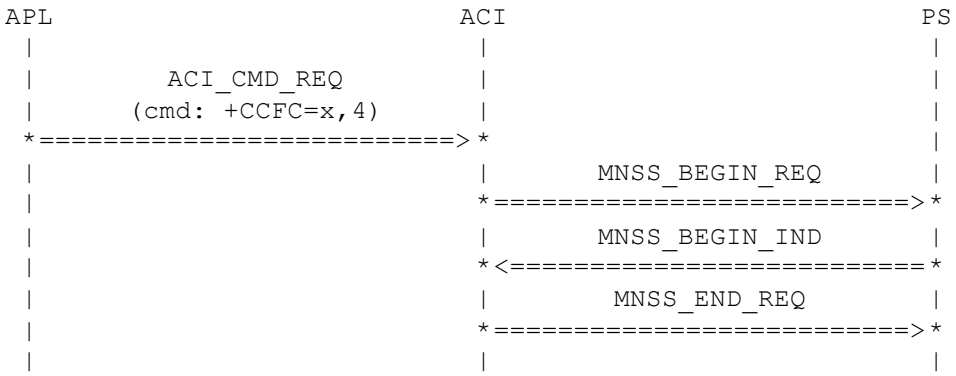
3.9.8 ACISS147: Unstructured SS operation in parallel to other SS operation. Network initiated

Description:

The network initiates a USSD operation while another operation is in progress. MS rejects the USSD operation with cause USSD busy.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CCFC_CFU_ERS
	cmd_seq	C_PLUS_CCFC_CFU_ERS
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCFC_CFU_ERS_VF
	ss_ver	NOT_USED

(3) MNSS_BEGIN_IND		
	ti	NUM_8
	fac_inf	A_FAC_USSD_NTFY
(4) MNSS_END_REQ		
	ti	NUM_8
	fac_inf	A_FAC_USSD_BUSY_ERR

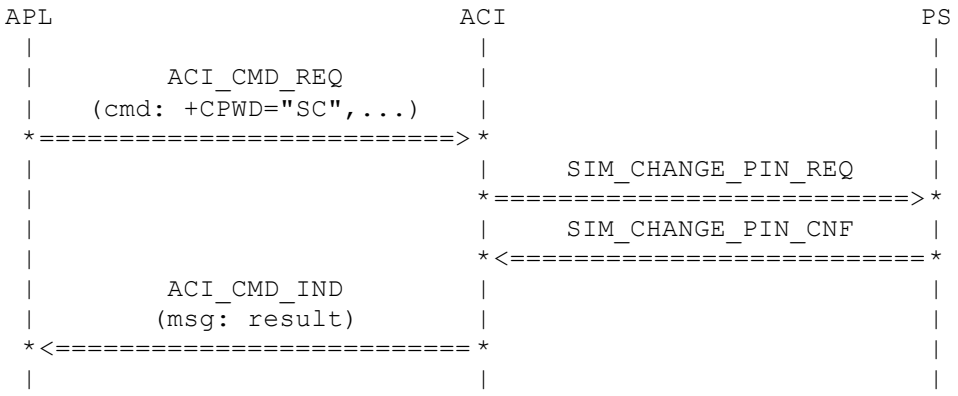
History: 26.08.99 ACI Initial

3.10 PIN Modification (ACI0150-ACI169)

3.10.1 ACISS150: Change PIN 1

Description:
Change PIN 1.

Preamble:
ACISS001
Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CPWD_PIN1
	cmd_seq	C_PLUS_CPWD_PIN1
(2) SIM_CHANGE_PIN_REQ		
	source	SRC_MMI
	old_pin	F_CUR_PIN
	new_pin	F_NEW_PIN
	pin_id	PHASE_2_PIN_1
(3) SIM_CHANGE_PIN_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

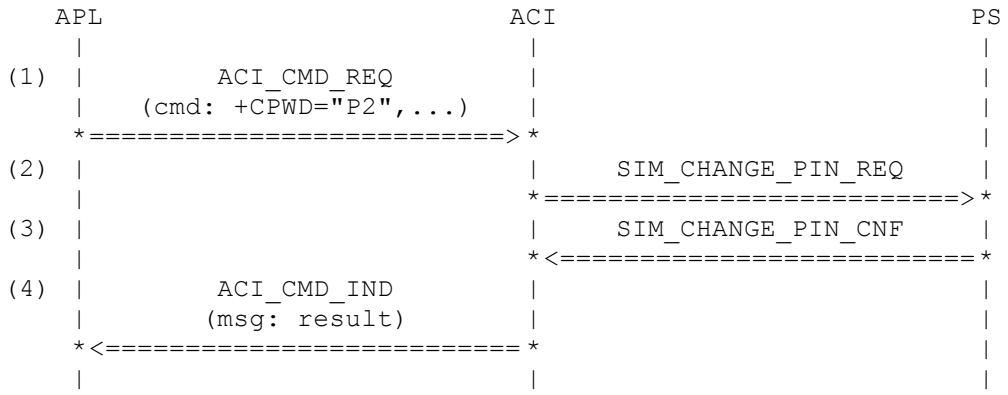
(4) ACI_CMD_IND			
	<A>	cmd_len	LM_OK
	<B>	cmd_len	LM_ERROR
	<A>	cmd_seq	M_OK
	<B>	cmd_seq	M_ERROR

History: 03.06.99 ACI Initial

3.10.2 ACISS151: Change PIN 2

Description:
Change PIN 2.

Preamble:
ACISS001
Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(5) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CPWD_PIN2
	cmd_seq	C_PLUS_CPWD_PIN2
(6) SIM_CHANGE_PIN_REQ		
	source	SRC_MMI
	old_pin	F_CUR_PIN
	new_pin	F_NEW_PIN
	pin_id	PHASE_2_PIN_2
(7) SIM_CHANGE_PIN_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PIN2_REMAIN2
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(8) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR

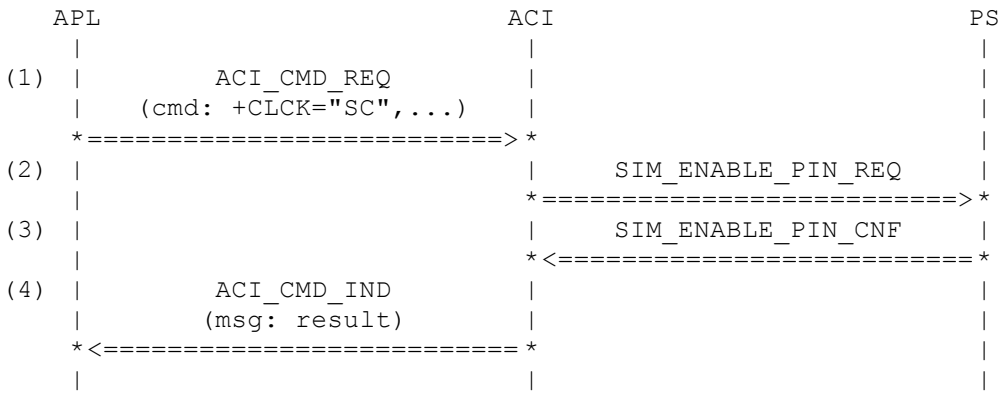
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR

History: 03.06.99 ACI Initial

3.10.3 ACISS152: enable PIN 1

Description:
Enable PIN 1.

Preamble:
ACISS001
Variants: <A>....<B>



Parametrization:

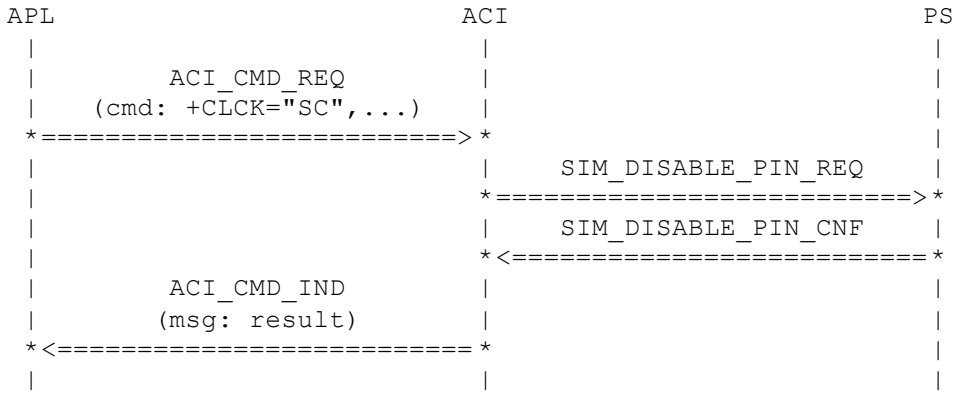
Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLCK_PIN1_ACT
	cmd_seq	C_PLUS_CLCK_PIN1_ACT
(2) SIM_ENABLE_PIN_REQ		
	source	SRC_MMI
	pin	F_CUR_PIN
(3) SIM_ENABLE_PIN_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(4) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR

History: 03.06.99 ACI Initial

3.10.4 ACISS153: disable PIN 1

Description:
Disable PIN 1.

Preamble:
ACISS001
Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLCK_PIN1_DEACT
	cmd_seq	C_PLUS_CLCK_PIN1_DEACT
(2) SIM_DISABLE_PIN_REQ		
	source	SRC_MMI
	pin	F_CUR_PIN
(3) SIM_DISABLE_PIN_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(4) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR

History: 03.06.99 ACI Initial

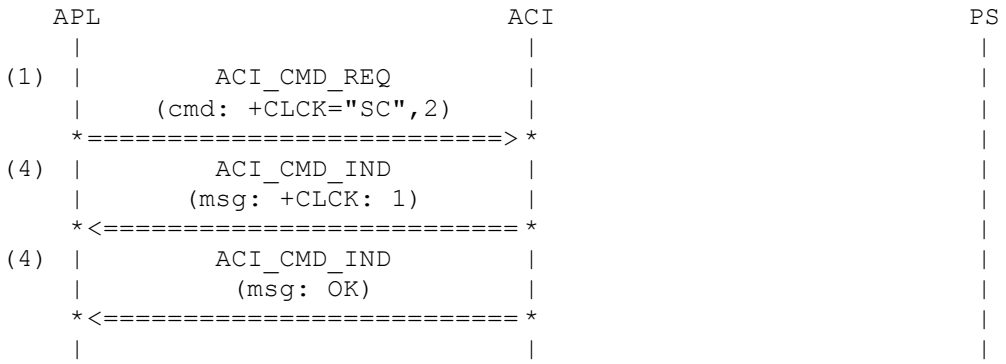
3.10.5 ACISS154: Query Enabled PIN 1

Description:

Query enabled PIN 1.

Preamble:

ACISS152A



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLCK_PIN1_QUERY
	cmd_seq	C_PLUS_CLCK_PIN1_QUERY
(2) ACI_CMD_IND		
	cmd_len	LM_PLUS_CLCK_PIN1_ENA
	cmd_seq	M_PLUS_CLCK_PIN1_ENA
(3) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 15.09.99 ACI Initial

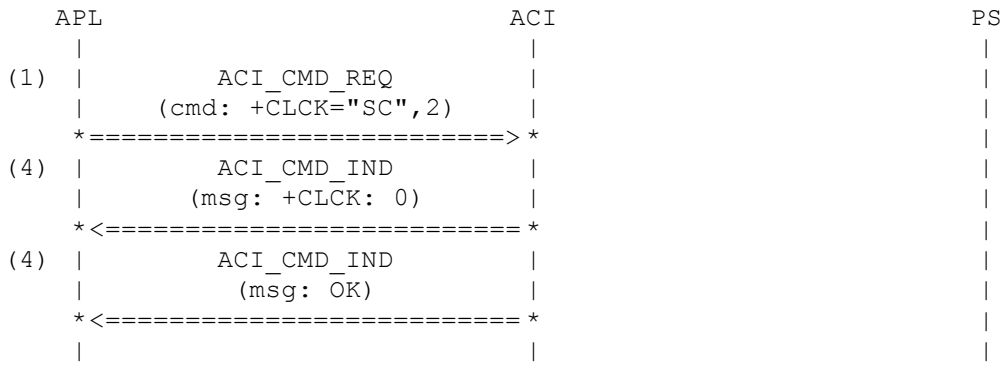
3.10.6 ACISS155: Query Disabled PIN 1

Description:

Query disabled PIN 1.

Preamble:

ACISS153A



Parametrization:

Primitive	Parameter	Value
(4) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLCK_PIN1_QUERY
	cmd_seq	C_PLUS_CLCK_PIN1_QUERY
(5) ACI_CMD_IND		
	cmd_len	LM_PLUS_CLCK_PIN1_DIS
	cmd_seq	M_PLUS_CLCK_PIN1_DIS
(6) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 15.09.99 ACI Initial

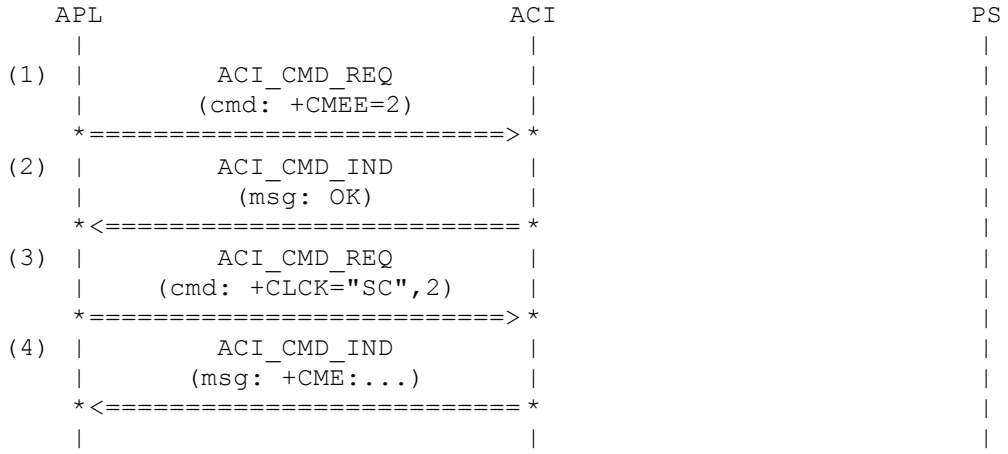
3.10.7 ACISS156: Query Unknown PIN 1 Status

Description:

Query unknown PIN 1 status.

Preamble:

ACISS153B



Parametrization:

Primitive	Parameter	Value

(7) ACI_CMD_REQ

	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CMEE_VERB
	cmd_seq	C_PLUS_CMEE_VERB

(8) ACI_CMD_IND

	cmd_len	LM_OK
	cmd_seq	M_OK

(9) ACI_CMD_REQ

	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PLUS_CLCK_PIN1_QUERY
	cmd_seq	C_PLUS_CLCK_PIN1_QUERY

(10) ACI_CMD_IND

	cmd_len	LM_ERR_SIM_FAIL
	cmd_seq	M_ERR_SIM_FAIL

History:	15.09.99	ACI	Initial
	07.01.02	SBK	Expect +CME ERROR: SIM failure

3.11 Keystroke Sequences (ACI170 – ACI249)

3.11.1 ACISS170: Register CFNRy 31.2.1.1.1

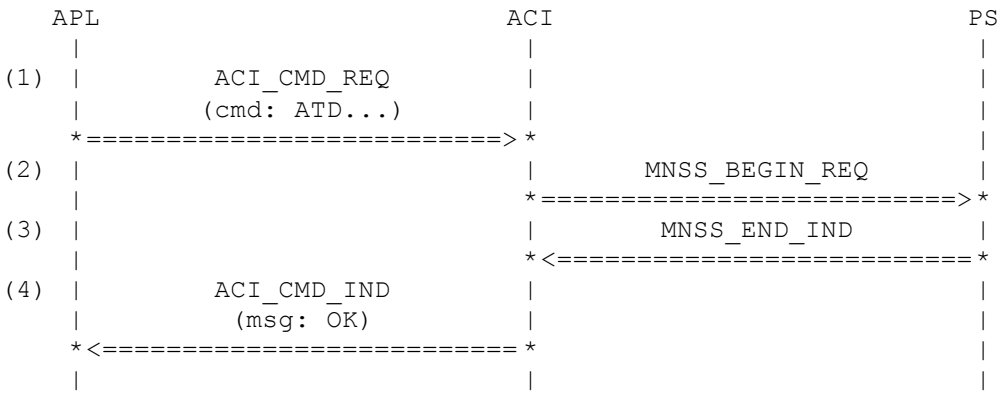
Description:

Register CFNRy.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_D_KSD_1
<B>	cmd_len	LC_D_KSD_1B
<A>	cmd_seq	C_D_KSD_1
<B>	cmd_seq	C_D_KSD_1B

(2) MNSS_BEGIN_REQ			
		ti	NUM_0
	<A>	fac_inf	A_FAC_KSD_CFNRY_REG_V
	<B>	fac_inf	A_FAC_KSD_CFNRY_REG_VB
		ss_ver	NOT_USED
(3) MNSS_END_IND			
		ti	NUM_0
		cause	MNSS_CAUSE_NO_NET_CAUSE
	<A>	fac_inf	A_FAC_KSD_CFNRY_REG_RES_A
	<B>	fac_inf	A_FAC_KSD_CFNRY_REG_RES_B
(4) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK

History: 10.08.98 ACI Initial

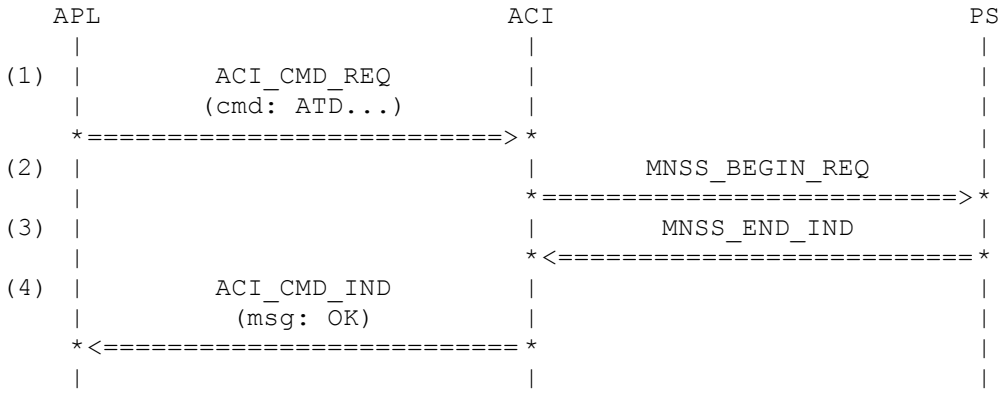
3.11.2 ACISS171: Register CFU 31.2.1.1.1

Description:

Register CFU.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_2
	cmd_seq	C_D_KSD_2
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFU_REG_V
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFU_REG_RES

(4) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK

History:	10.08.98	ACI	Initial

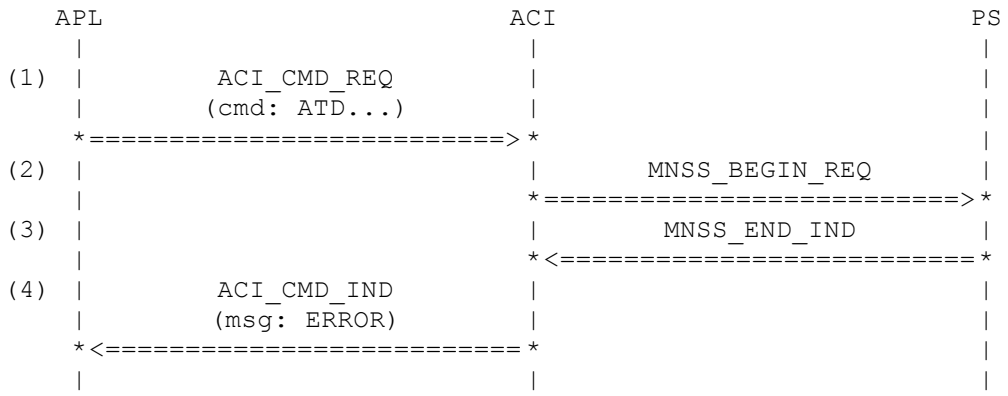
3.11.3 ACISS172: Register CFU 31.2.1.1.2

Description:

Register CFB.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(5) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_3
	cmd_seq	C_D_KSD_3
(6) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFB_REG_V
	ss_ver	NOT_USED
(7) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFB_REG_RES
(8) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

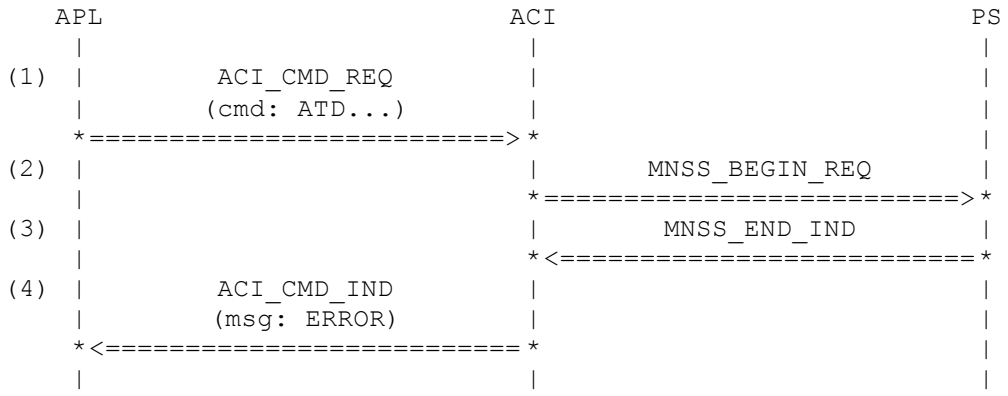
3.11.4 ACISS173: Register CF 31.2.1.1.2

Description:

Register CF.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(9) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_4
	cmd_seq	C_D_KSD_4
(10) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CF_REG_V
	ss_ver	NOT_USED
(11) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CF_REG_RES
(12) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

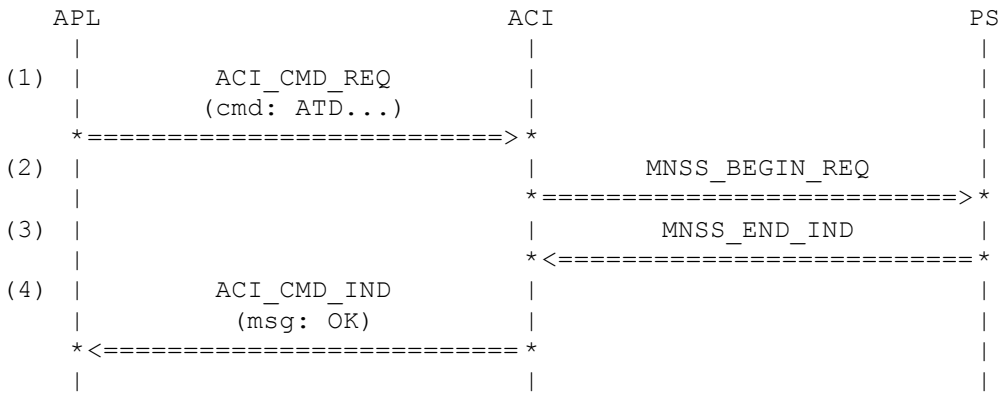
3.11.5 ACISS174: Erase CFC 31.2.1.2.1

Description:

Erase CFC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(13) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_5
	cmd_seq	C_D_KSD_5
(14) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFC_ERS_V
	ss_ver	NOT_USED
(15) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFC_ERS_RES
(16) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

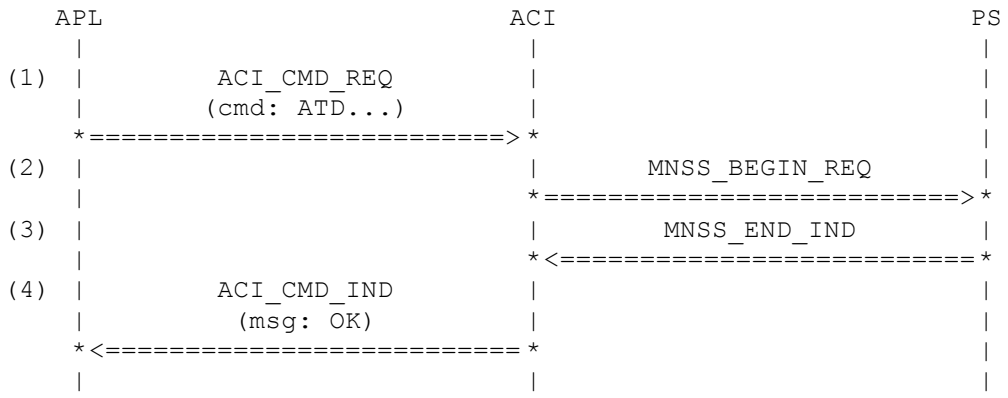
3.11.6 ACISS175: Erase CFNRC 31.2.1.2.1

Description:

Erase CFNRC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(17) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_6
	cmd_seq	C_D_KSD_6
(18) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFNRC_ERS_V
	ss_ver	NOT_USED
(19) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFNRC_ERS_RES
(20) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

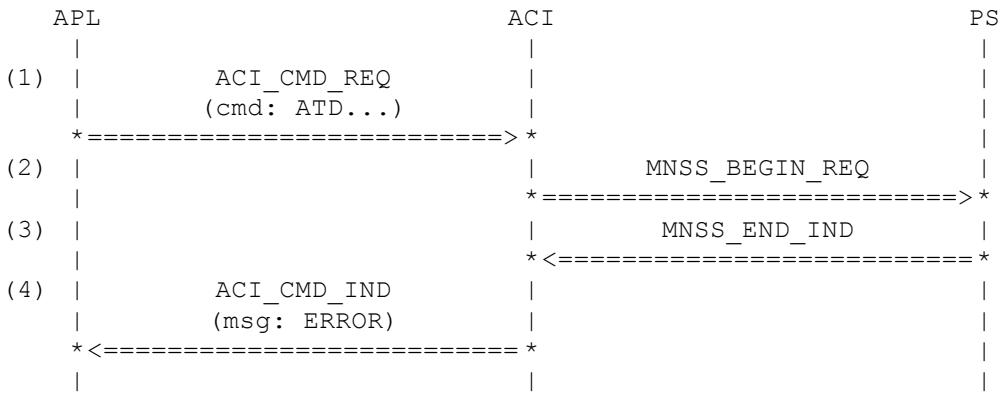
3.11.7 ACISS176: Erase CFU 31.2.1.2.2

Description:

Erase CFU.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(21) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_7
	cmd_seq	C_D_KSD_7
(22) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFU_ERS_V
	ss_ver	NOT_USED
(23) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFU_ERS_RES
(24) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

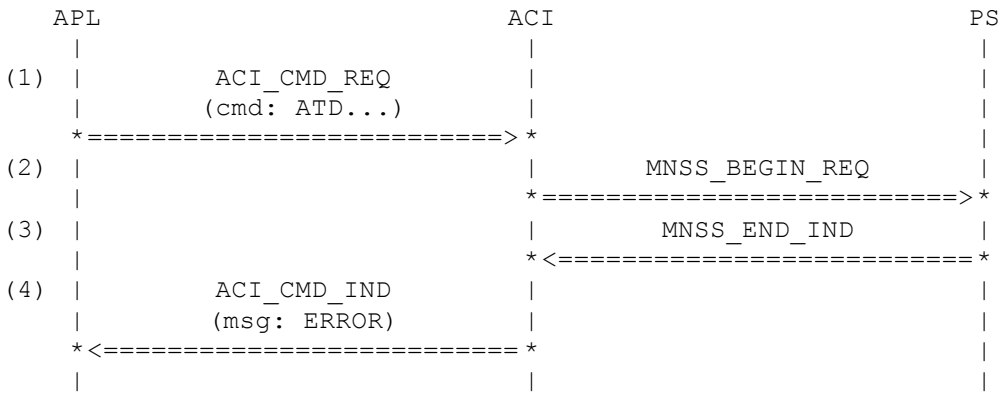
3.11.8 ACISS177: Erase CFNRY 31.2.1.2.2

Description:

Erase CFNRY.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(25) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_8
	cmd_seq	C_D_KSD_8
(26) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFNRY_ERS_V
	ss_ver	NOT_USED
(27) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFNRY_ERS_RES
(28) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

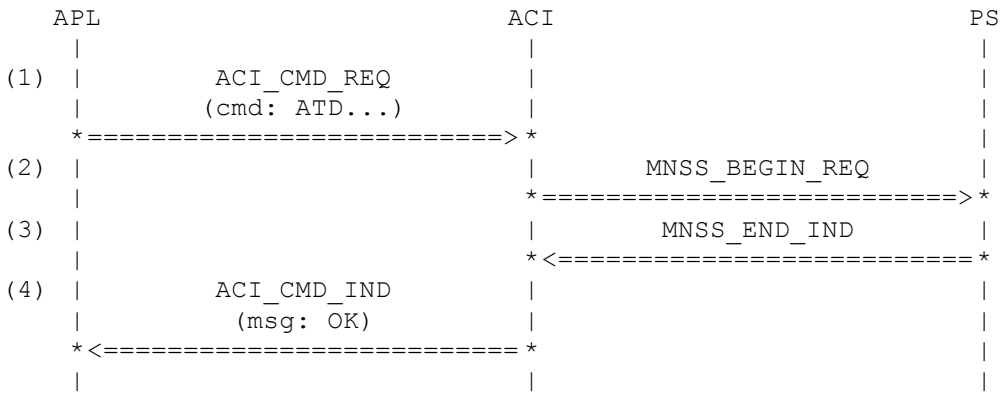
3.11.9 ACISS178: Activate CF 31.2.1.3

Description:

Activate CF.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(29) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_9
	cmd_seq	C_D_KSD_9
(30) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CF_ACT_V
	ss_ver	NOT_USED
(31) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CF_ACT_RES
(32) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

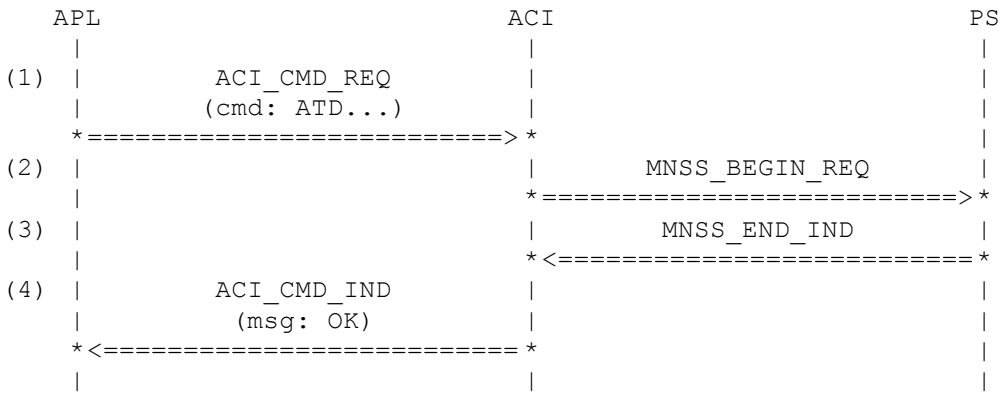
3.11.10 ACISS179: Activate CFU 31.2.1.3

Description:

Activate CFU.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(33) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_10
	cmd_seq	C_D_KSD_10
(34) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFU_ACT_V
	ss_ver	NOT_USED
(35) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFU_ACT_RES
(36) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

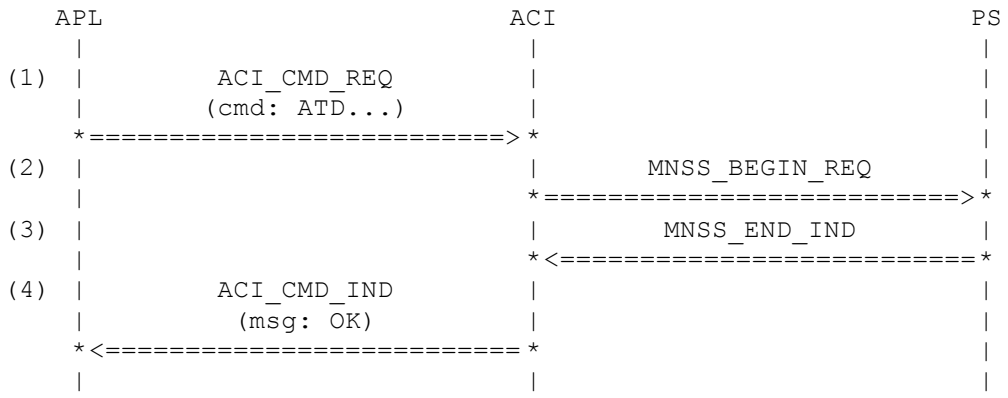
3.11.11 ACISS180: Deactivate CFC 31.2.1.4

Description:

Deactivate CFC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(37) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_11
	cmd_seq	C_D_KSD_11
(38) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFC_DEACT_V
	ss_ver	NOT_USED
(39) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFC_DEACT_RES
(40) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

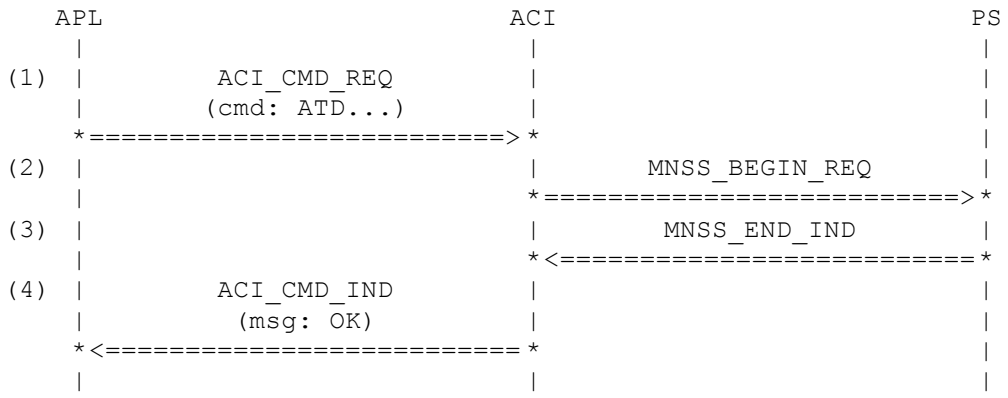
3.11.12 ACISS181: Deactivate CFNRC 31.2.1.4

Description:

Deactivate CFNRC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(41) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_12
	cmd_seq	C_D_KSD_12
(42) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFNRC_DEACT_V
	ss_ver	NOT_USED
(43) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFNRC_DEACT_RES
(44) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

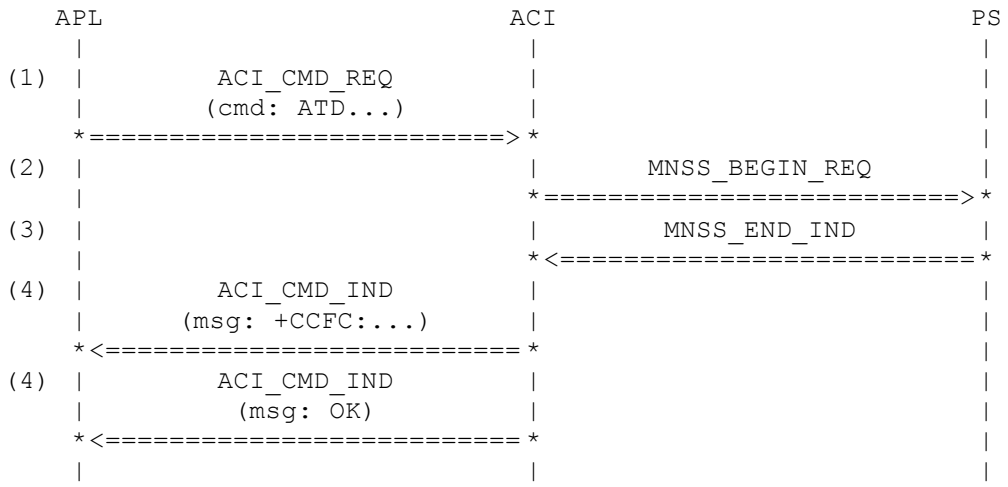
3.11.13 ACISS182: Interrogate CFB 31.2.1.6.1, 1 CCFC

Description:

Interrogate CFB with successful network response indicating not active and no bearer service or teleservice is present.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(45) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_13
	cmd_seq	C_D_KSD_13
(46) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFB_IRGT_V
	ss_ver	NOT_USED
(47) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFB_IRGT_RES
(48) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCFC_CFU
	cmd_seq	M_PLUS_CCFC_CFU
(49) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:			
	10.08.98	ACI	Initial
	07.01.02	SBK	Expect +CCFC:

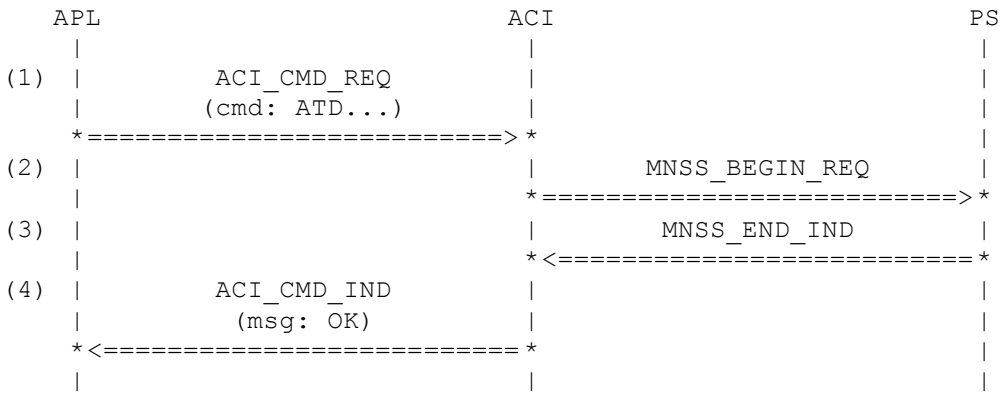
3.11.14 ACISS183: Interrogate CFB 31.2.1.6.1, 3 CCFC FAILS !!!! (to be processed)

Description:

Interrogate CFB with successful network response indicating different stati for different teleservices and bearer services (see data definition for details).

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(50) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_13
	cmd_seq	C_D_KSD_13
(51) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFB_IRGT_V
	ss_ver	NOT_USED
(52) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFB_IRGT_RES2
(53) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 07.01.02 SBK Derived from former ACISS182B

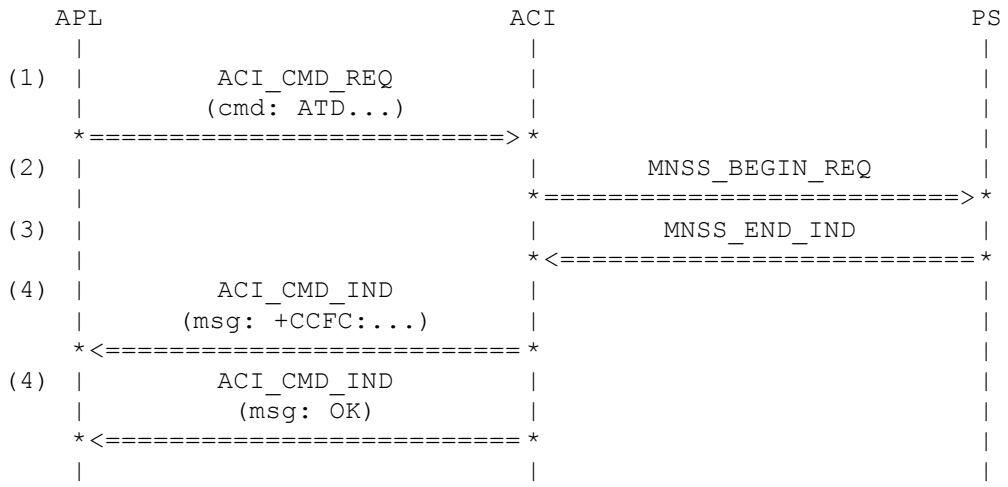
3.11.15 ACISS184: Interrogate CFNRY, Speech 31.2.1.6.1

Description:

Interrogate CFNRY.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(54) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_14
	cmd_seq	C_D_KSD_14
(55) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFNRY_IRGT_V
	ss_ver	NOT_USED
(56) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFNRY_IRGT_RES
(57) ACI_CMD_IND		
	cmd_len	LM_PLUS_CCFC_CFNRY_KSD_V
	cmd_seq	M_PLUS_CCFC_CFNRY_KSD_V
(58) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

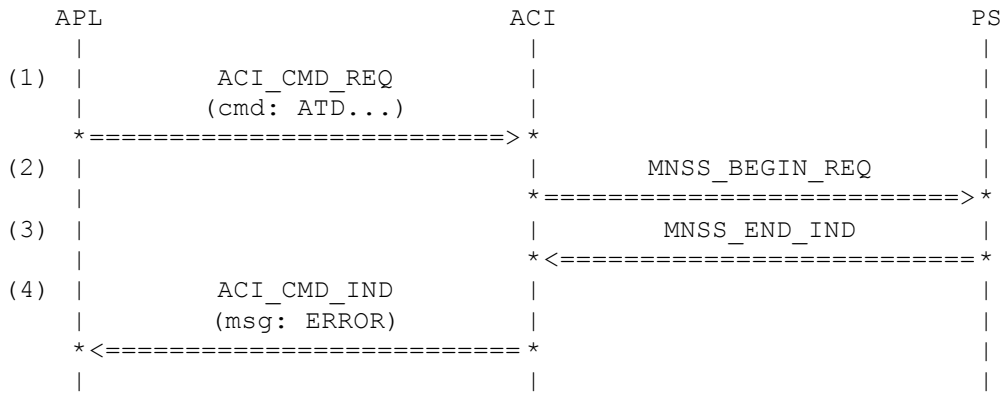
3.11.16 ACISS185: Interrogate CFNRC 31.2.1.6.2

Description:

Interrogate CFNRC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(59) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_15
	cmd_seq	C_D_KSD_15
(60) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFNRC_IRGT_V
	ss_ver	NOT_USED
(61) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFNRC_IRGT_RES
(62) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

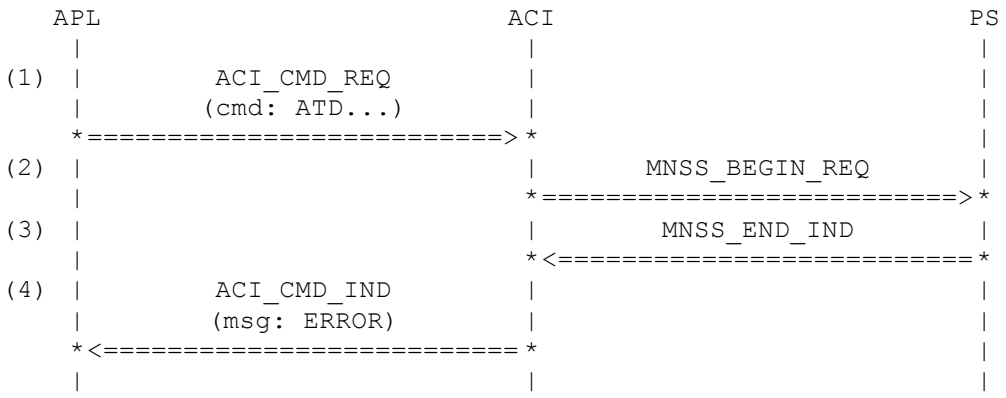
3.11.17 ACISS186: Interrogate CFB FAX 31.2.1.6.2

Description:

Interrogate CFB FAX.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(63) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_16
	cmd_seq	C_D_KSD_16
(64) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CFB_IRGT_F
	ss_ver	NOT_USED
(65) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CFB_IRGT_F_RES
(66) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

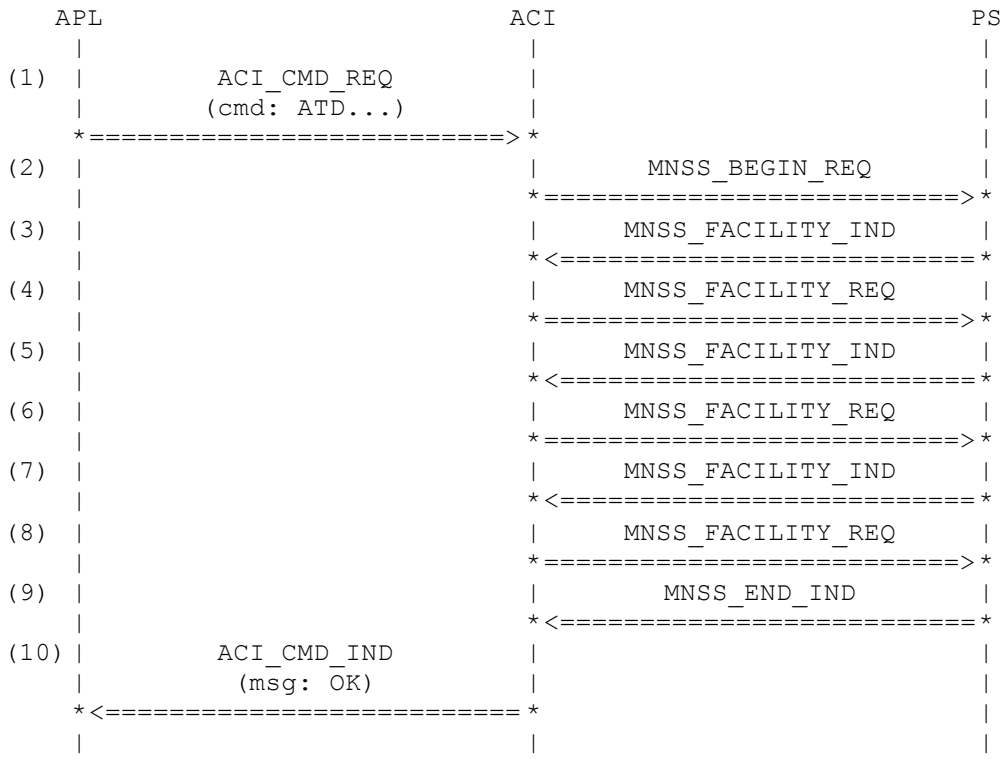
3.11.18 ACISS190: Register Password CB all 31.8.1.1

Description:

Register Password all CB.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(67) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_17
	cmd_seq	C_D_KSD_17
(68) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_ALLCB_PWD
	ss_ver	NOT_USED
(69) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ
(70) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(71) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_REQ
(72) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_NEW_PWD_RES
	ss_ver	NOT_USED
(73) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_NEWAGN_PWD_REQ

(74) MNSS_FACILITY_REQ

ti	NUM_0
fac_inf	A_FAC_NEWAGN_PWD_RES
ss_ver	NOT_USED

(75) MNSS_END_IND

ti	NUM_0
cause	MNSS_CAUSE_NO_NET_CAUSE
fac_inf	A_FAC_CPWD_ALLCB_RES

(76) ACI_CMD_IND

cmd_len	LM_OK
cmd_seq	M_OK

History: 10.08.98 ACI Initial

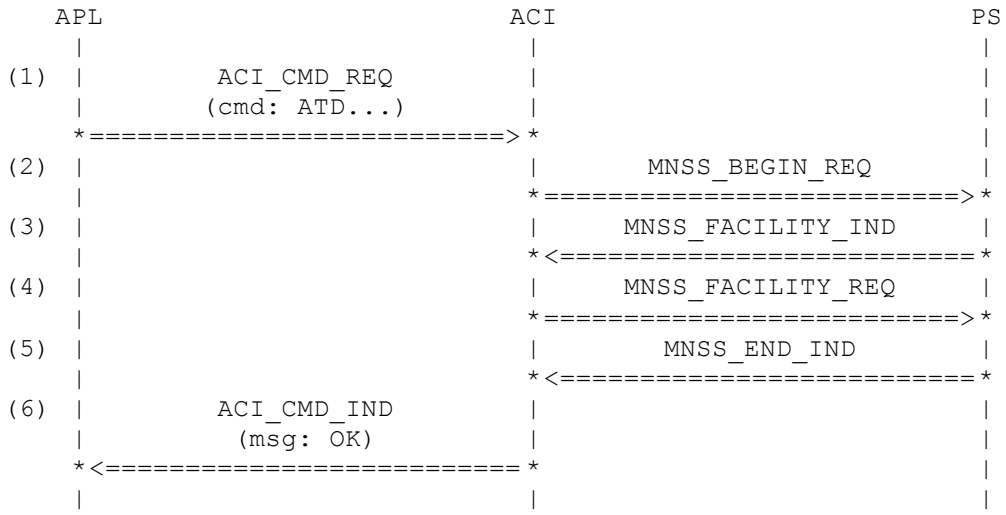
3.11.19 ACISS191: Activate BAOC 31.8.3.1

Description:

Activate BAOC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(77) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_18
	cmd_seq	C_D_KSD_18
(78) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BAOC_ACT
	ss_ver	NOT_USED
(79) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ

(80) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(81) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BAOC_ACT_RES
(82) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

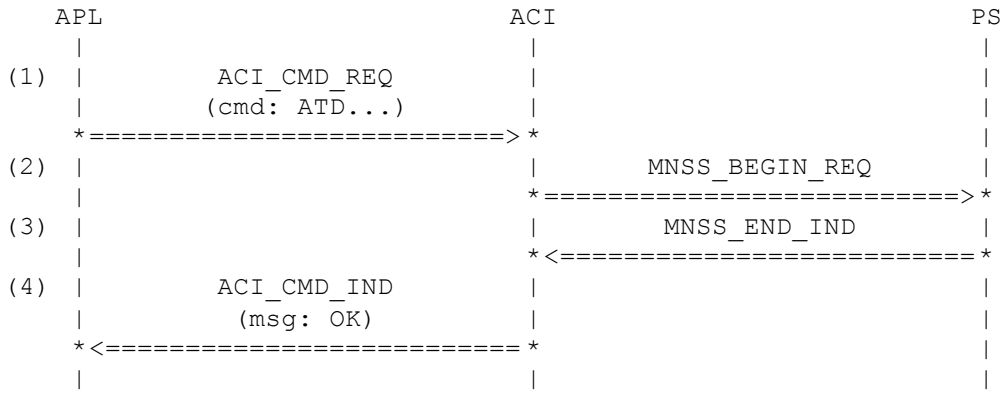
3.11.20 ACISS192: Activate BICR 31.8.3.1

Description:

Activate BIC roaming.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(83) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_19
	cmd_seq	C_D_KSD_19
(84) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BICR_ACT
	ss_ver	NOT_USED
(85) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BICR_ACT_RES

(86) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK

History:	10.08.98	ACI	Initial

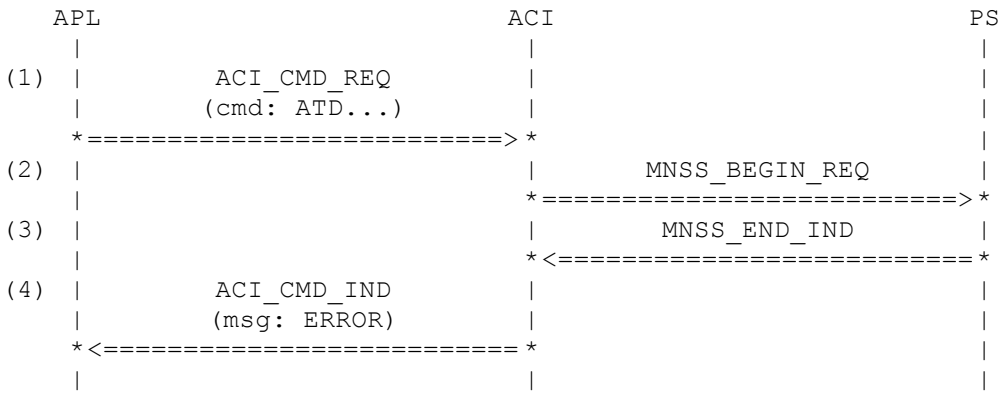
3.11.21 ACISS193: Activate BOIC 31.8.3.2.1

Description:

Activate BOIC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(87) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_20
	cmd_seq	C_D_KSD_20
(88) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BOIC_ACT
	ss_ver	NOT_USED
(89) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BOIC_ACT_RES
(90) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

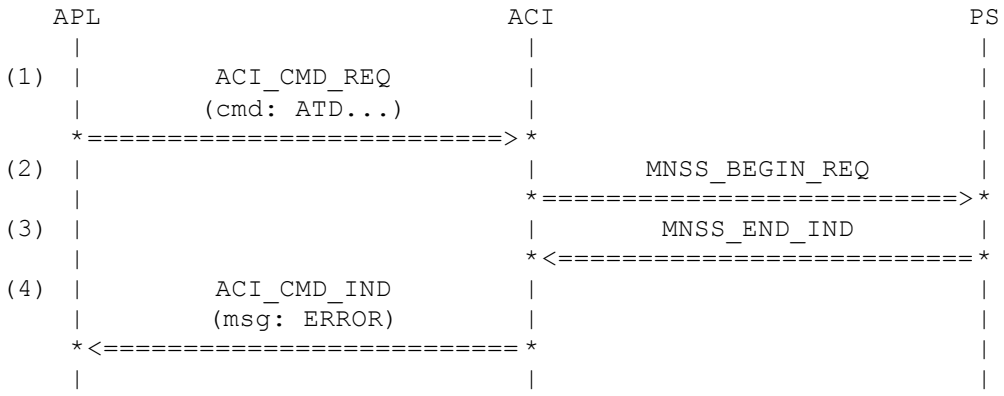
3.11.22 ACISS194: Activate BAIC 31.8.3.2.2

Description:

Activate BAIC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(91) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_21
	cmd_seq	C_D_KSD_21
(92) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BAIC_ACT
	ss_ver	NOT_USED
(93) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BAIC_ACT_RES
(94) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

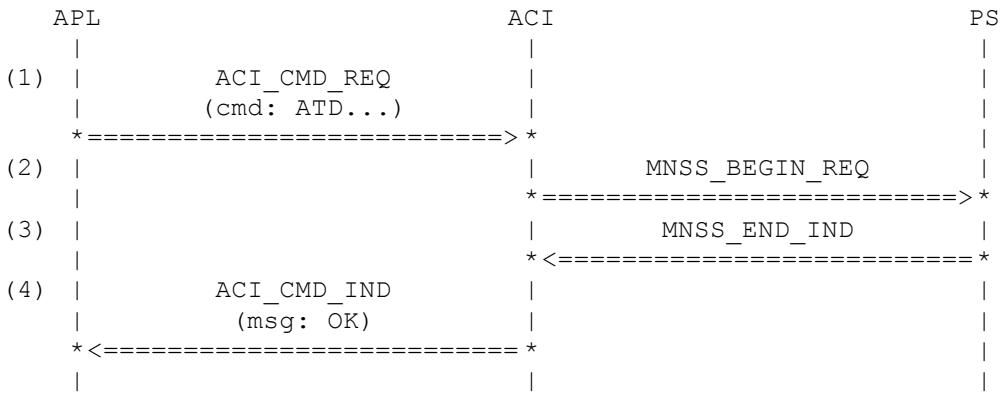
3.11.23 ACISS195: Deactivate all barring services 31.8.4.1

Description:

Deactivate all barring services.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(95) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_22
	cmd_seq	C_D_KSD_22
(96) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_ALLCB_DEACT
	ss_ver	NOT_USED
(97) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_ALLCB_DEACT_RES
(98) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

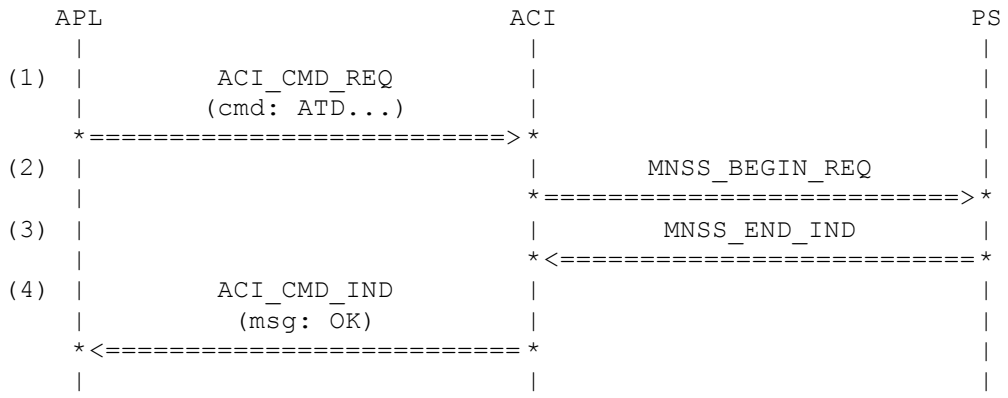
3.11.24 ACISS196: Deactivate all outgoing barring services 31.8.4.1

Description:

Deactivate all outgoing barring services.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(99) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_23
	cmd_seq	C_D_KSD_23
(100) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_ALLOUT_DEACT
	ss_ver	NOT_USED
(101) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_ALLOUT_DEACT_RES
(102) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 10.08.98 ACI Initial

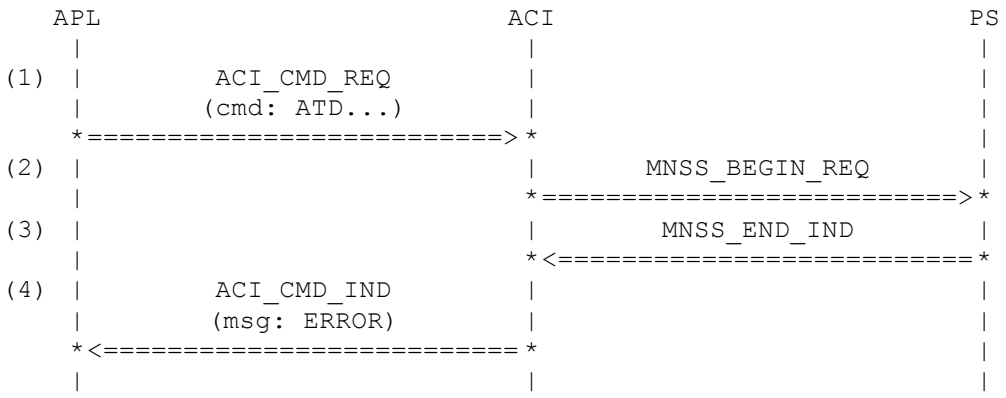
3.11.25 ACISS197: Deactivate all incoming barring services 31.8.4.2.1

Description:

Deactivate all incoming barring services.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(103) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_24
	cmd_seq	C_D_KSD_24
(104) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_ALLIN_DEACT
	ss_ver	NOT_USED
(105) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_ALLIN_DEACT_RES
(106) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

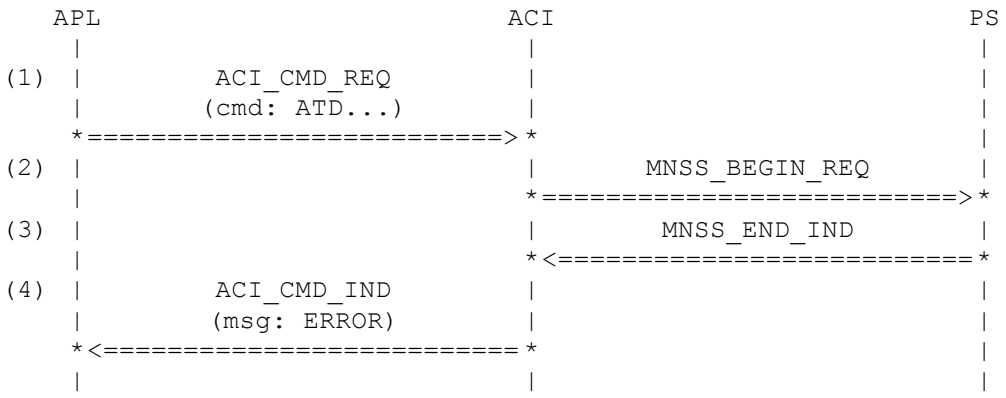
3.11.26 ACISS198: Deactivate BOIC except Home 31.8.4.2.2

Description:

Deactivate BOIC except Home.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(107) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_25
	cmd_seq	C_D_KSD_25
(108) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BOICxHC_DEACT
	ss_ver	NOT_USED
(109) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BOICxHC_DEACT_RES
(110) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

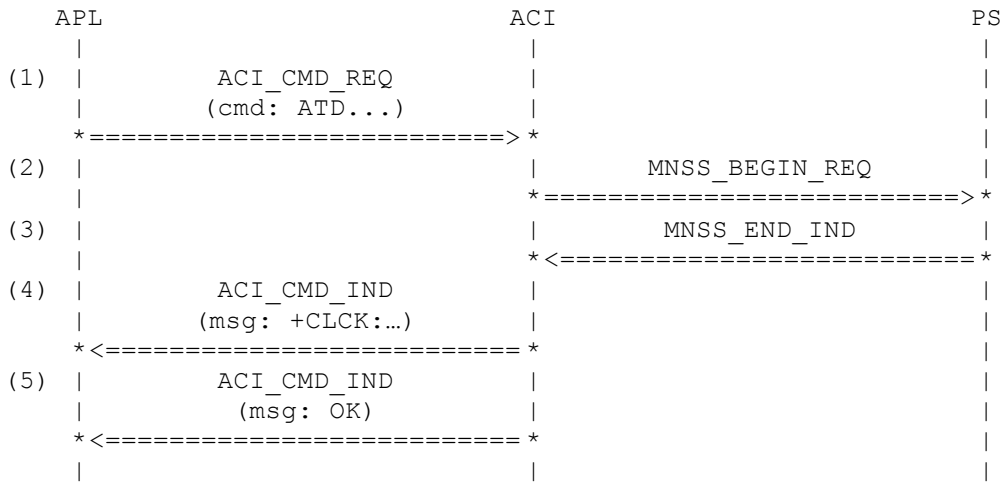
3.11.27 ACISS199: Interrogate BAIC 31.8.6.1, 1 CLCK

Description:

Interrogate BAIC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(111) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_26
	cmd_seq	C_D_KSD_26
(112) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BAIC_IRGT
	ss_ver	NOT_USED
(113) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BAIC_IRGT_RES_A
(114) ACI_CMD_IND		
	cmd_len	LM_PLUS_CLCK_IND_1_1
	cmd_seq	M_PLUS_CLCK_IND_1_1
(115) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:			
	10.08.98	ACI	Initial
	07.01.02	SBK	Expect +CLCK

3.11.28 ACISS200: Interrogate BAIC 31.8.6.1, 3 CLCKs

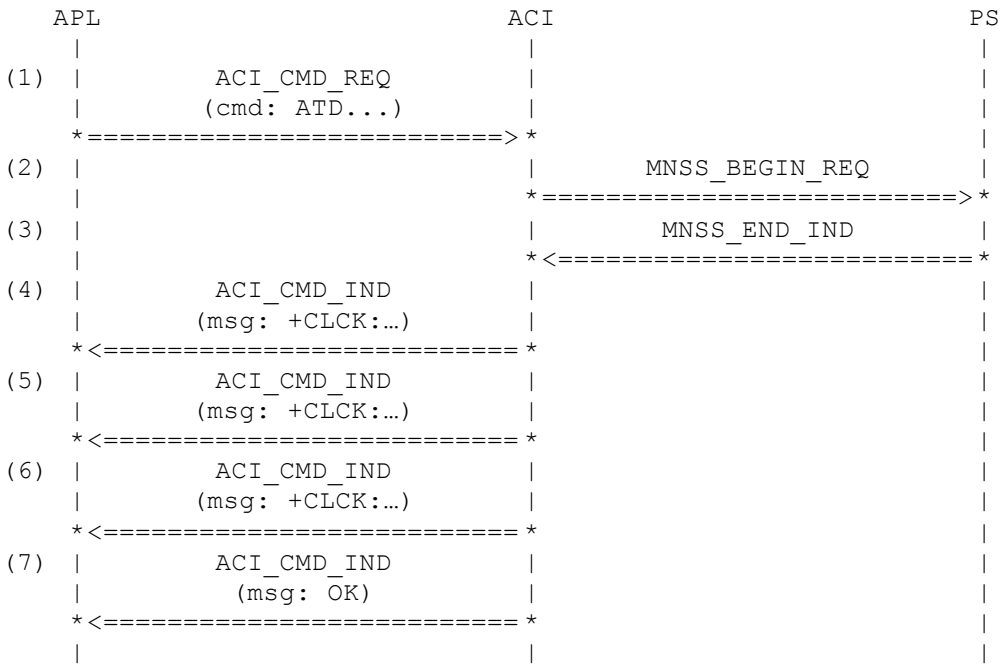
Description:

Interrogate BAIC.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(116) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_26
	cmd_seq	C_D_KSD_26
(117) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BAIC_IRGT
	ss_ver	NOT_USED
(118) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_KSD_BAIC_IRGT_RES_B
<B>	fac_inf	A_FAC_KSD_BAIC_IRGT_RES_C
(119) ACI_CMD_IND		
<A>	cmd_len	LM_PLUS_CLCK_IND_1_1
<B>	cmd_len	LM_PLUS_CLCK_IND_1_1
<A>	cmd_seq	M_PLUS_CLCK_IND_1_1
<B>	cmd_seq	M_PLUS_CLCK_IND_1_1
(120) ACI_CMD_IND		
<A>	cmd_len	LM_PLUS_CLCK_IND_1_8
<B>	cmd_len	LM_PLUS_CLCK_IND_1_4
<A>	cmd_seq	M_PLUS_CLCK_IND_1_8
<B>	cmd_seq	M_PLUS_CLCK_IND_1_4
(121) ACI_CMD_IND		
<A>	cmd_len	LM_PLUS_CLCK_IND_1_2
<B>	cmd_len	LM_PLUS_CLCK_IND_1_2
<A>	cmd_seq	M_PLUS_CLCK_IND_1_2
<B>	cmd_seq	M_PLUS_CLCK_IND_1_2

(122) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK

History: 07.01.02 SBK Derived from former 195B,C

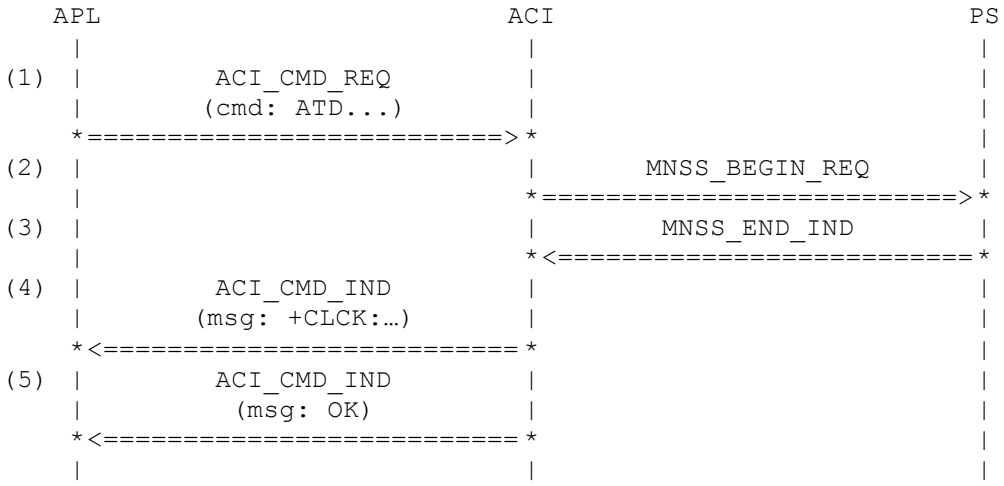
3.11.29 ACISS201: Interrogate BOIC except Home 31.8.6.1

Description:

Interrogate BOIC except home.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(123) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_27
	cmd_seq	C_D_KSD_27
(124) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BOICxHC_IRGT
	ss_ver	NOT_USED
(125) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BOICxHC_IRGT_RES
(126) ACI_CMD_IND		
	cmd_len	LM_PLUS_CLCK_IND_0_15
	cmd_seq	M_PLUS_CLCK_IND_0_15
(127) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	10.08.98	ACI	Initial
	07.01.02	SBK	Expect +CLCK

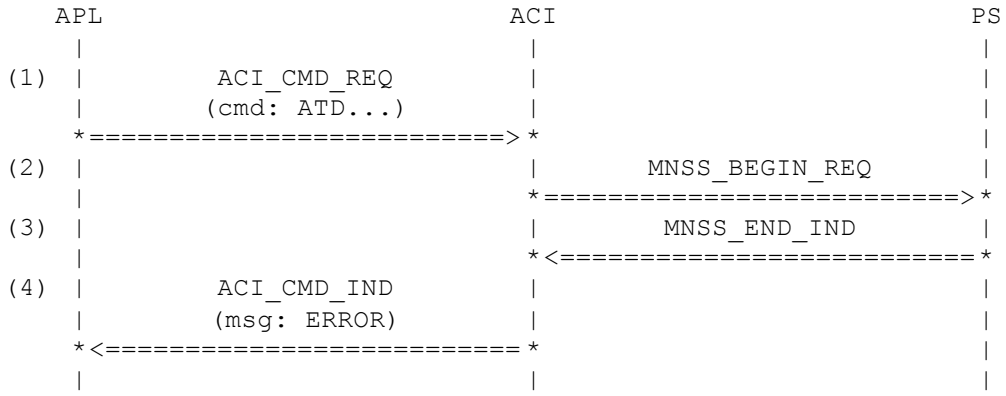
3.11.30 ACISS202: Interrogate BIC roaming 31.8.6.2

Description:

Interrogate BIC roaming.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(128) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_28
	cmd_seq	C_D_KSD_28
(129) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BICR_IRGT
	ss_ver	NOT_USED
(130) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BICR_IRGT_RES
(131) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

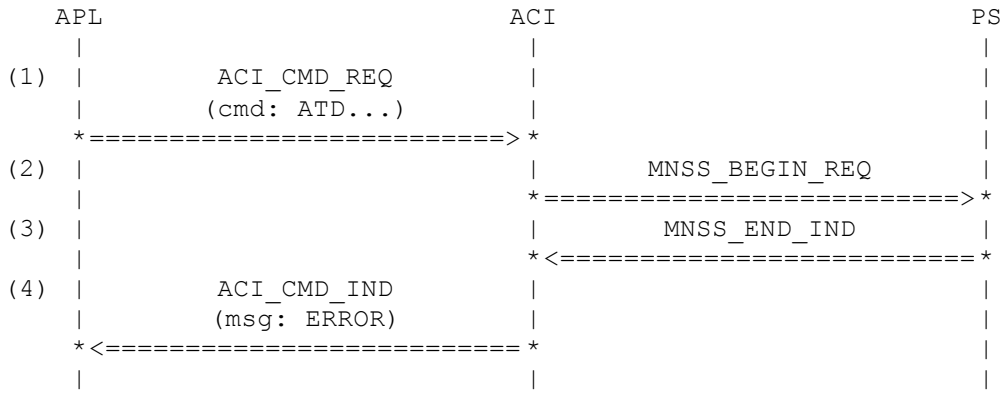
3.11.31 ACISS203: Interrogate BOIC 31.8.6.2

Description:

Interrogate BOIC.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(132) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_29
	cmd_seq	C_D_KSD_29
(133) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_BOIC_IRGT
	ss_ver	NOT_USED
(134) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_BOIC_IRGT_RES
(135) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History: 10.08.98 ACI Initial

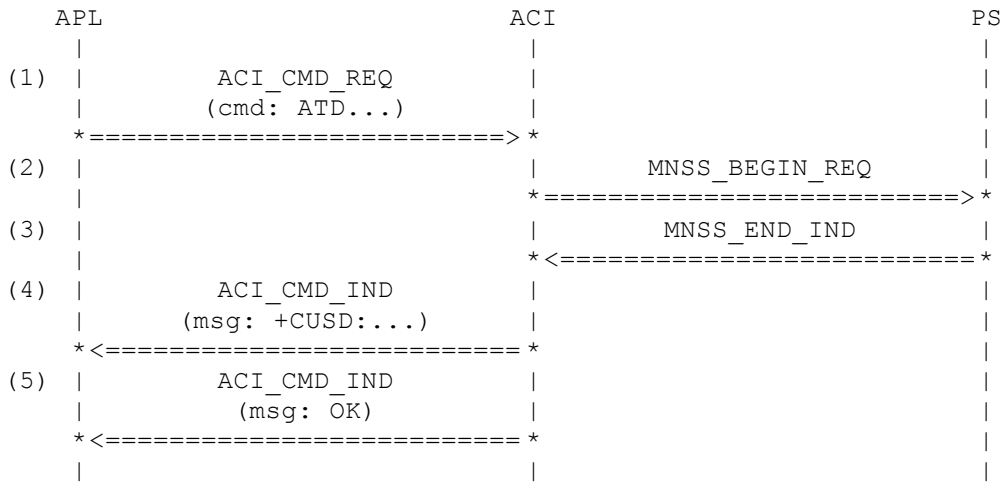
3.11.32 ACISS204: Unstructured SS 31.9

Description:

Send Unstructured SS.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(136) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_30
	cmd_seq	C_D_KSD_30
(137) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_USSD_PROC
	ss_ver	NOT_USED
(138) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_USSD_PROC_RES
(139) ACI_CMD_IND		
	cmd_len	LM_PLUS_CUSD_DEFAULT_DCS_PROC_RES
	cmd_seq	M_PLUS_CUSD_DEFAULT_DCS_PROC_RES
(140) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:			
	10.08.98	ACI	Initial
	07.12.02	SBK	Adapted (issue +CUSD)

3.11.33 ACISS210: Change PIN 1 via Key Sequence

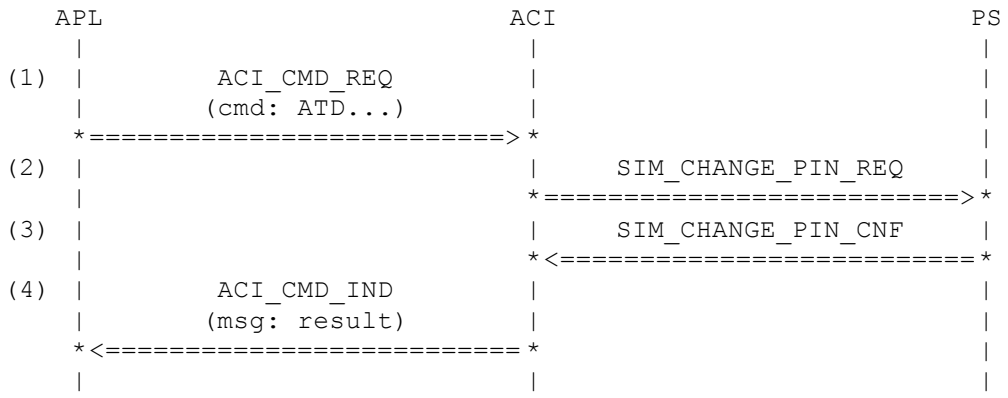
Description:

Change PIN 1.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_31
	cmd_seq	C_D_KSD_31
(2) SIM_CHANGE_PIN_REQ		
	source	SRC_MMI
	old_pin	F_CUR_PIN
	new_pin	F_NEW_PIN
	pin_id	PHASE_2_PIN_1
(3) SIM_CHANGE_PIN_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(4) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR

History: 03.06.99 ACI Initial

3.11.34 ACISS211: Unblock PIN1 via Key Sequence

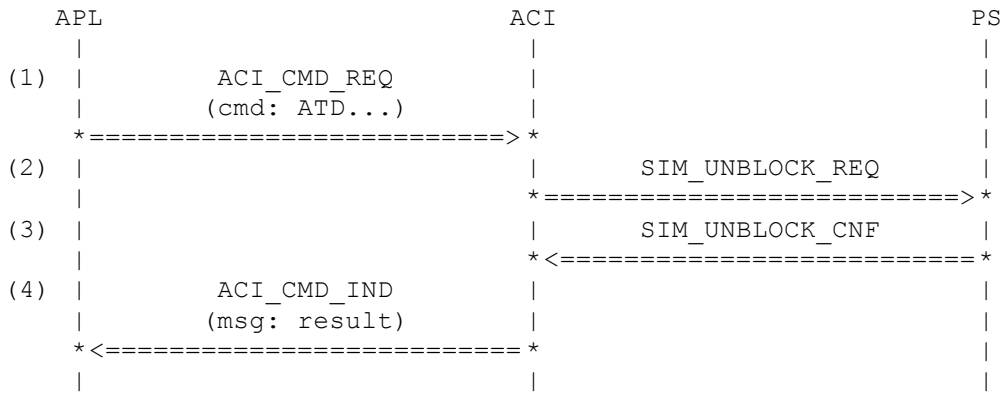
Description:

Unblock PIN 1.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(5) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_33
	cmd_seq	C_D_KSD_33
(6) SIM_UNBLOCK_REQ		
	source	SRC_MMI
	unblock_key	F_PUK
	pin	F_NEW_PIN
	pin_id	PHASE_2_PUK_1
(7) SIM_UNBLOCK_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PUK1_REMAIN9
	pin_id	PHASE_2_PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(8) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR
(9) History:	02.08.99	ACIInitial

3.11.35 ACISS212: Unblock PIN2 via Key Sequence

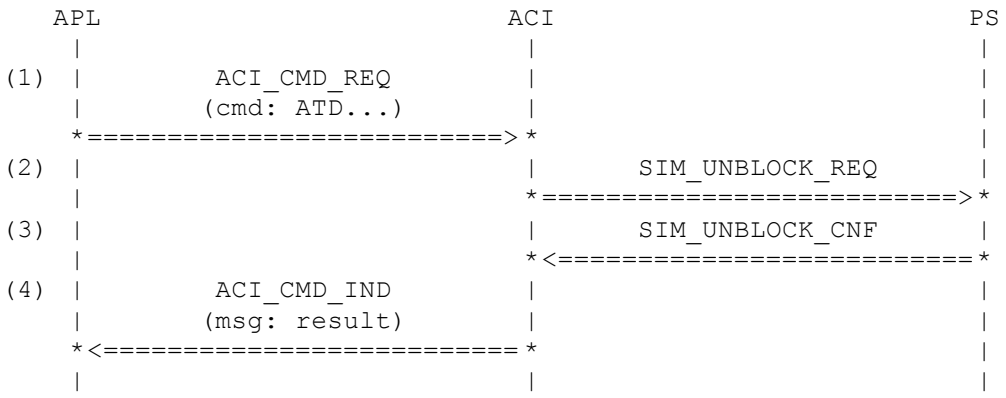
Description:

Unblock PIN 2.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(10) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_34
	cmd_seq	C_D_KSD_34
(11) SIM_UNBLOCK_REQ		
	source	SRC_MMI
	unblock_key	F_PUK
	pin	F_NEW_PIN
	pin_id	PHASE_2_PUK_2
(12) SIM_UNBLOCK_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PUK2_REMAIN9
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(13) ACI_CMD_IND		
<A>	cmd_len	LM_OK
<B>	cmd_len	LM_ERROR
<A>	cmd_seq	M_OK
<B>	cmd_seq	M_ERROR
(14) History:	02.08.99	ACI Initial

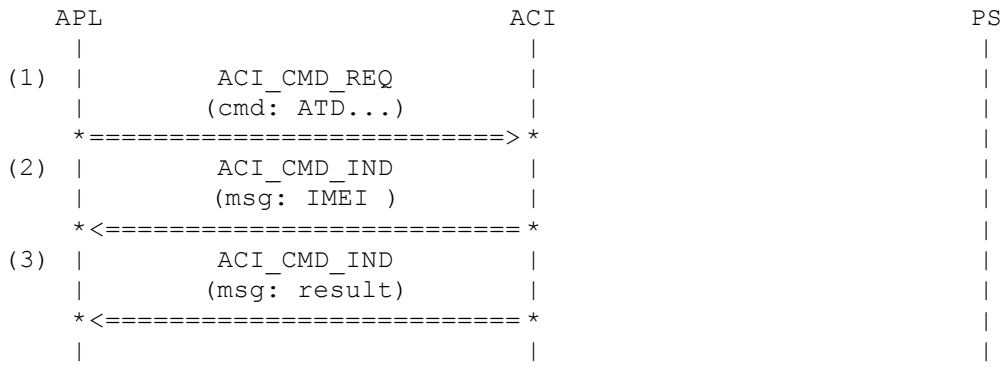
3.11.36 ACISS213: Present IMEI via Key Sequence

Description:

Present IMEI out of PCM.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_32
	cmd_seq	C_D_KSD_32
(2) ACI_CMD_IND		
	cmd_len	LM_IMEI
	cmd_seq	M_IMEI
(3) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 02.08.99 ACI Initial

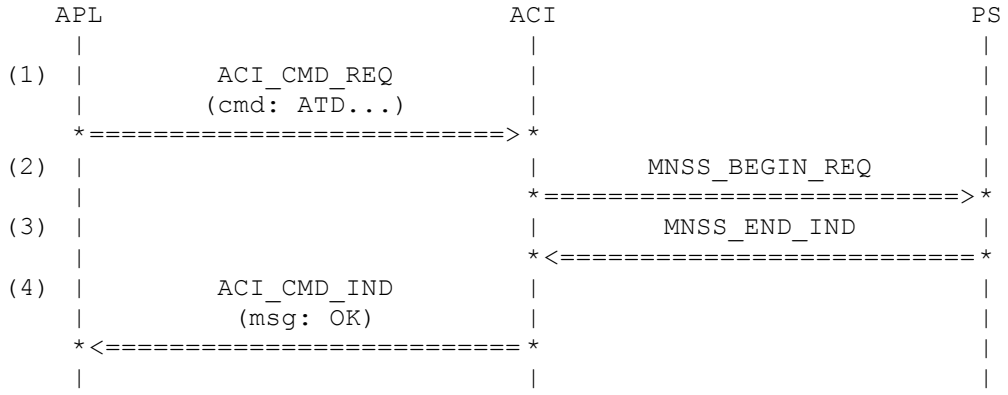
3.11.37 ACISS214: Deactivate BAOC

Description:

Deactivate BAOC

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value

(4) ACI_CMD_REQ

cmd_src	CMD_SRC_EXT
cmd_len	LC_D_KSD_35
cmd_seq	C_D_KSD_35

(5) MNSS_BEGIN_REQ

ti	NUM_0
fac_inf	A_FAC_KSD_BAOC_DEACT
ss_ver	NOT_USED

(6) MNSS_END_IND

ti	NUM_0
cause	MNSS_CAUSE_NO_NET_CAUSE
fac_inf	A_FAC_KSD_BAOC_DEACT_RES

(7) ACI_CMD_IND

cmd_len	LM_OK
cmd_seq	M_OK

History: 10.08.98 ACI Initial

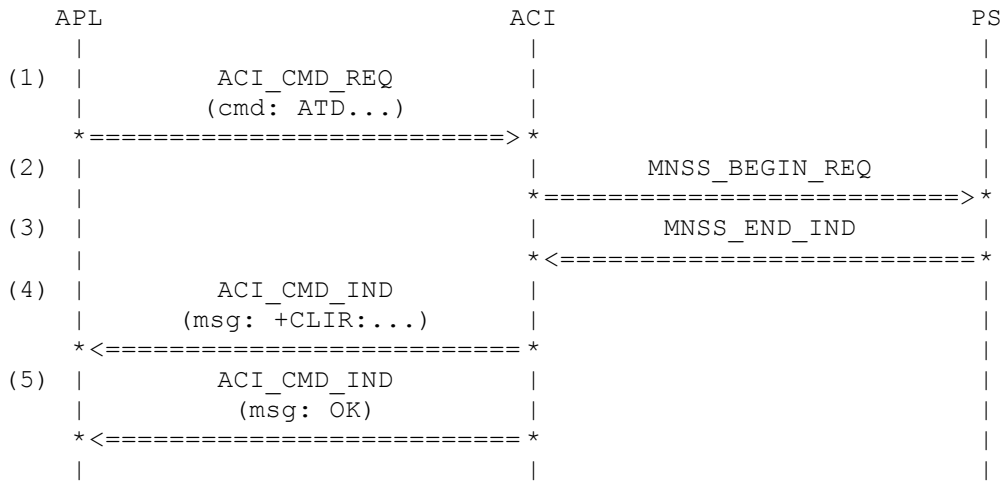
3.11.38 ACISS215: Interrogate CLIR

Description:

Interrogate CLIR.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(8) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_36
	cmd_seq	C_D_KSD_36
(9) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CLIR_IRGT
	ss_ver	NOT_USED

(10) MNSS_END_IND

ti	NUM_0
cause	MNSS_CAUSE_NO_NET_CAUSE
fac_inf	A_FAC_KSD_CLIR_IRGT_RES

(11) ACI_CMD_IND

cmd_len	LM_PLUS_CLIR_PVTMAL
cmd_seq	M_PLUS_CLIR_PVTMAL

(12) ACI_CMD_IND

cmd_len	LM_OK
cmd_seq	M_OK

History: 10.08.98 ACI Initial

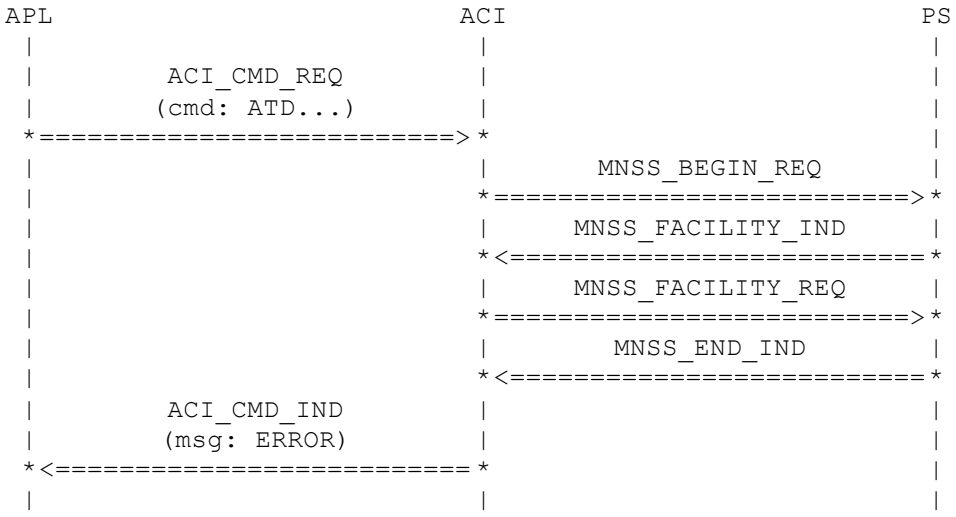
3.11.39 ACISS216: Register Password, unsuccessful attempt CB all

Description:

Register Password all CB. Password given by the user was wrong.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(13) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_17
	cmd_seq	C_D_KSD_17
(14) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_ALLCB_PWD
	ss_ver	NOT_USED
(15) MNSS_FACILITY_IND		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_REQ

(16) MNSS_FACILITY_REQ		
	ti	NUM_0
	fac_inf	A_FAC_ENTER_PWD_RES
	ss_ver	NOT_USED
(17) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CPWD_ALLCB_ERR_2
(18) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

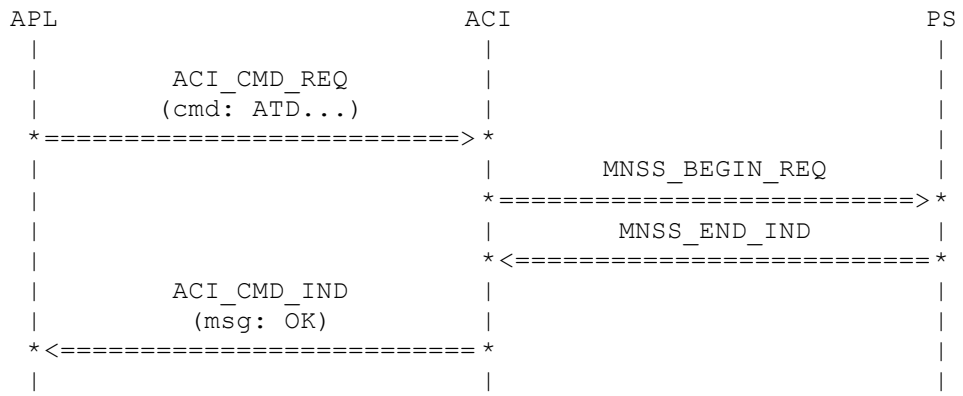
History: 01.10.99 ACI Initial

3.11.40 ACISS217: Activate CW

Description:
Activate CW.

Preamble:
ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(19) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_37
	cmd_seq	C_D_KSD_37
(20) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CW_ACT
	ss_ver	NOT_USED
(21) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_KSD_CW_ACT_RES
<B>	fac_inf	A_FAC_KSD_CW_ACT_RES2

(22) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History:	10.08.98	ACI	Initial

3.11.41 ACISS218: Temporary CLIR Modification During Call Setup

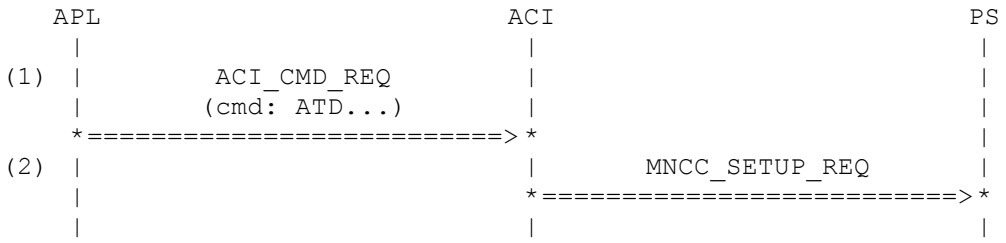
Description:

The dial string contains a key sequence, which modifies the CLIR setting for this call temporarily.

Preamble:

ACISS001

Variants: <A>....<D>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_D_KSD_38
<B>	cmd_len	LC_D_KSD_39
<C>	cmd_len	LC_D_KSD_40
<D>	cmd_len	LC_D_KSD_41
<A>	cmd_seq	C_D_KSD_38
<B>	cmd_seq	C_D_KSD_39
<C>	cmd_seq	C_D_KSD_40
<D>	cmd_seq	C_D_KSD_41
(2) MNCC_SETUP_REQ		
	ti	NUM_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	S_BS_VOICE
	bcpara2	S_BS_NOT_PRESENT
<A>	called_party	S_CLD_PARTY_NINT
<B>	called_party	S_CLD_PARTY_NINT
<C>	called_party	S_CLD_PARTY_INT
<D>	called_party	S_CLD_PARTY_INT
	called_party_sub	S_CLD_PARTY_SUB
<A>	clir_sup	CLR_SUP
<B>	clir_sup	CLR_SUP_NOT
<C>	clir_sup	CLR_SUP
<D>	clir_sup	CLR_SUP_NOT
	fac_inf	NOT_USED

History: 01.10.99 ACI Initial

3.11.42 ACISS219: Erase CCBS Entry

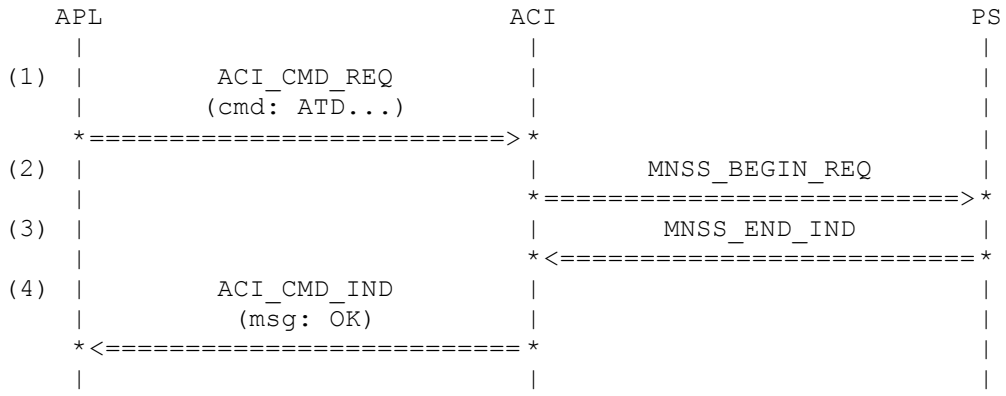
Description:

Erase a registered CCBS entry. Variant A erases only CCBS Request 1. Variant B erases all pending CCBS requests.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_D_KSD_42
<B>	cmd_len	LC_D_KSD_43
<A>	cmd_seq	C_D_KSD_42
<B>	cmd_seq	C_D_KSD_43
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_KSD_CCBS_ERS_1
<B>	fac_inf	A_FAC_KSD_CCBS_ERS_ALL
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CCBS_ERS_RES
(4) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 05.04.00 ACI Initial

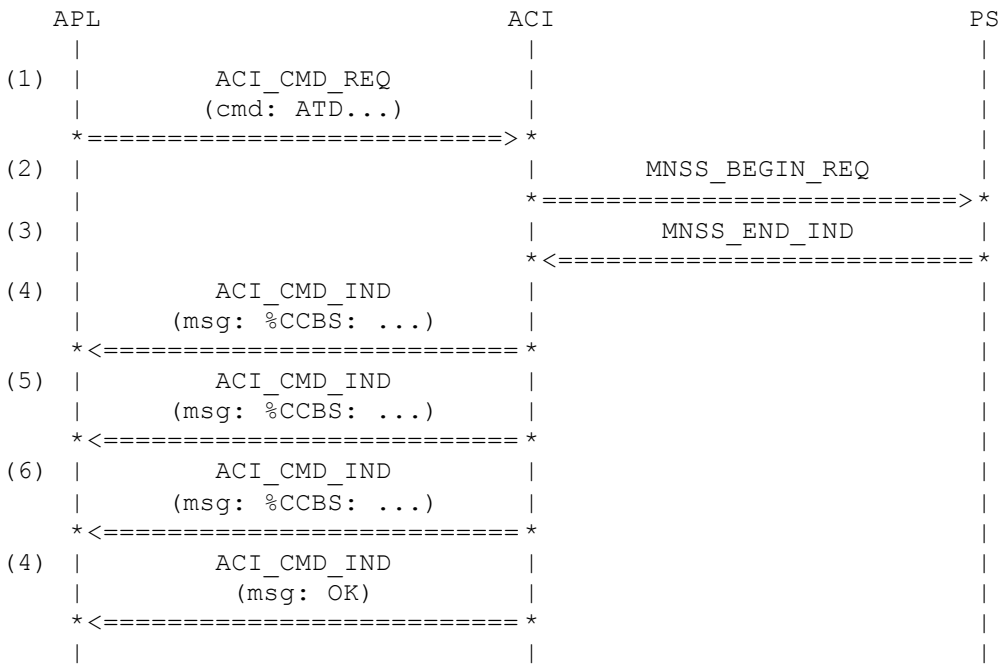
3.11.43 ACISS230: Interrogate CCBS Entries: success FAILS !!!!!

Description:

Interrogate registered CCBS entries.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_44
	cmd_seq	C_D_KSD_44
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCBS_ITRG
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCBS_ITRG_3N_RES
(4) ACI_CMD_IND		
	cmd_len	LM_PERCENT_CCBS_ITRG_N1
	cmd_seq	M_PERCENT_CCBS_ITRG_N1
(5) ACI_CMD_IND		
	cmd_len	LM_PERCENT_CCBS_ITRG_N2
	cmd_seq	M_PERCENT_CCBS_ITRG_N2

(5) ACI_CMD_IND			
		cmd_len	LM_PERCENT_CCBS_ITRG_N3
		cmd_seq	M_PERCENT_CCBS_ITRG_N3
(6) ACI_CMD_IND			
		cmd_len	LM_OK
		cmd_seq	M_OK
History:	06.04.00	ACI	Initial

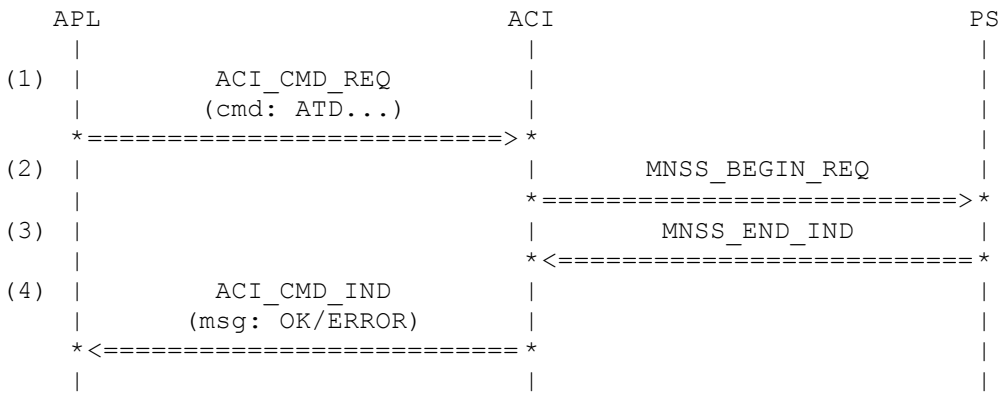
3.11.44 ACISS231: Interrogate CCBS Entries: error

Description:

Interrogate registered CCBS entries.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(7) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_D_KSD_44
	cmd_seq	C_D_KSD_44
(8) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_KSD_CCBS_IRGT
	ss_ver	NOT_USED
(9) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_CCBS_IRGT_ERR
(10) ACI_CMD_IND		
	cmd_len	LM_ERROR
	cmd_seq	M_ERROR

History:	06.04.00	ACI	Initial

3.11.45 ACISS249: Key Sequence

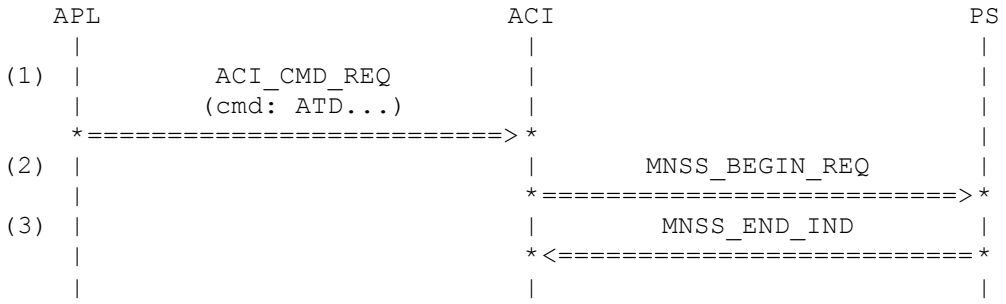
Description:

Send variable key sequence. This test case or any variant of it are not intended to act as regression test but can be used to see with the debugger / tapcaller / debug output files in a simple way what the results of a certain key sequence like *100# are, i.e. if they are treated as USSD or standard GSM SS procedure (with its dedicated stage 3 signalling) etc. They could be used for white box testing. Note that for this reason the contents of the MNSS_BEGIN_REQ is kept unspecified (NOT_USED). The MNSS_END_IND is an empty return result except for the invoke id being 0. As some key sequences result in output (unsolicited, e.g. +CUSD) prior to the final result code (e.g. OK), no primitive is expected after the MNSS_END_IND.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(11) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_D_KSD_99
<B>	cmd_len	LC_D_KSD_100
<A>	cmd_seq	C_D_KSD_99
<B>	cmd_seq	C_D_KSD_100
(12) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	NOT_USED
	ss_ver	NOT_USED
(13) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_KSD_EMPTY_RES_INV_ID0

History:	10.08.98	ACI	Initial
	07.01.02	SBK	Removed expected OK, clarified use

3.12 Call Completion Busy Subscriber (250 - 269)

3.12.1 ACISS250: Clear CCBS Entries FAILS !!!

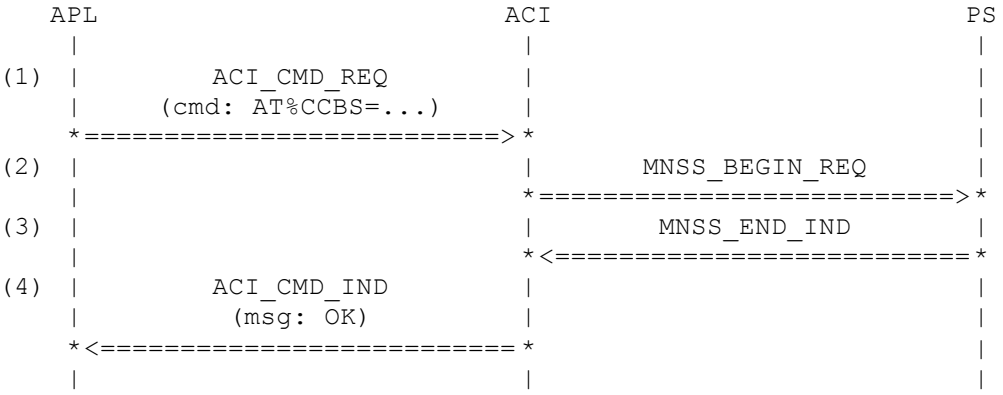
Description:

Clear registered CCBS entries.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(1) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
<A>	cmd_len	LC_PERCENT_CCBS_ERS_1
<B>	cmd_len	LC_PERCENT_CCBS_ERS_ALL
<A>	cmd_seq	C_PERCENT_CCBS_ERS_1
<B>	cmd_seq	C_PERCENT_CCBS_ERS_ALL
(2) MNSS_BEGIN_REQ		
	ti	NUM_0
<A>	fac_inf	A_FAC_CCBS_ERS_1
<B>	fac_inf	A_FAC_CCBS_ERS_ALL
	ss_ver	NOT_USED
(3) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CCBS_ERS_1_RES
<B>	fac_inf	A_FAC_CCBS_ERS_ALL_RES
(4) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 06.04.00 ACI Initial

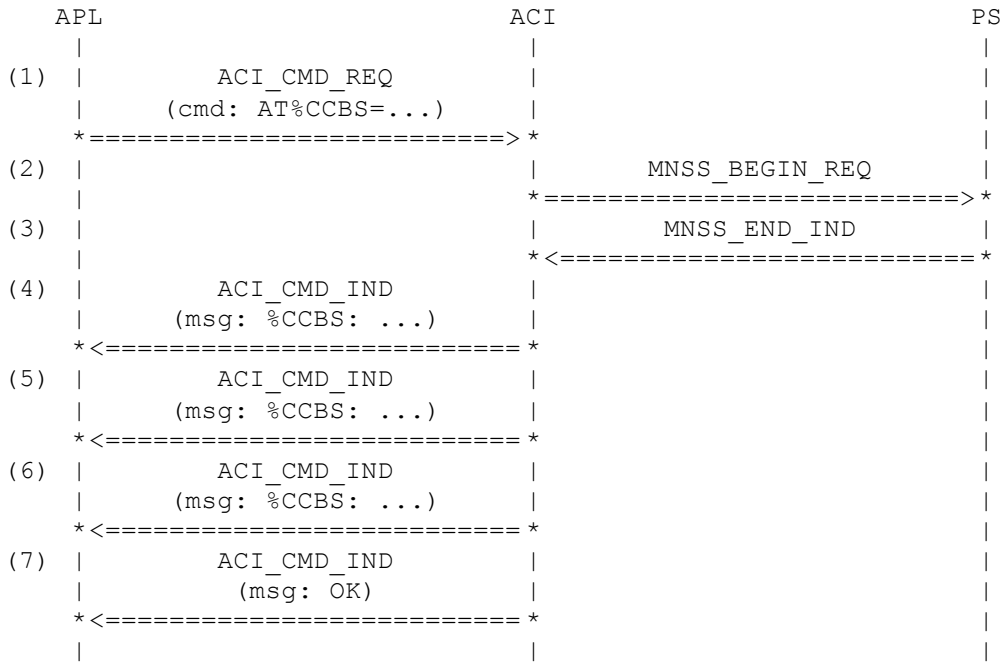
3.12.2 ACISS251: Interrogate CCBS Entries, 3 entries are registered FAILS !!!

Description:

Interrogate registered CCBS entries. 3 entries are registered and will be displayed.

Preamble:

ACISS001



Parametrization:

Primitive	Parameter	Value
(6) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PERCENT_CCBS_ITRG
	cmd_seq	C_PERCENT_CCBS_ITRG
(7) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCBS_ITRG
	ss_ver	NOT_USED
(8) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
	fac_inf	A_FAC_CCBS_ITRG_3N_RES
(9) ACI_CMD_IND		
	cmd_len	LM_PERCENT_CCBS_ITRG_N1
	cmd_seq	M_PERCENT_CCBS_ITRG_N1
(10) ACI_CMD_IND		
	cmd_len	LM_PERCENT_CCBS_ITRG_N2
	cmd_seq	M_PERCENT_CCBS_ITRG_N2

(11) ACI_CMD_IND		
	cmd_len	LM_PERCENT_CCBS_ITRG_N3
	cmd_seq	M_PERCENT_CCBS_ITRG_N3
(12) ACI_CMD_IND		
	cmd_len	LM_OK
	cmd_seq	M_OK

History: 07.04.00 ACI Initial

3.12.3 ACISS252: Interrogate CCBS Entries, no entries are registered, status is displayed FAILS !!!

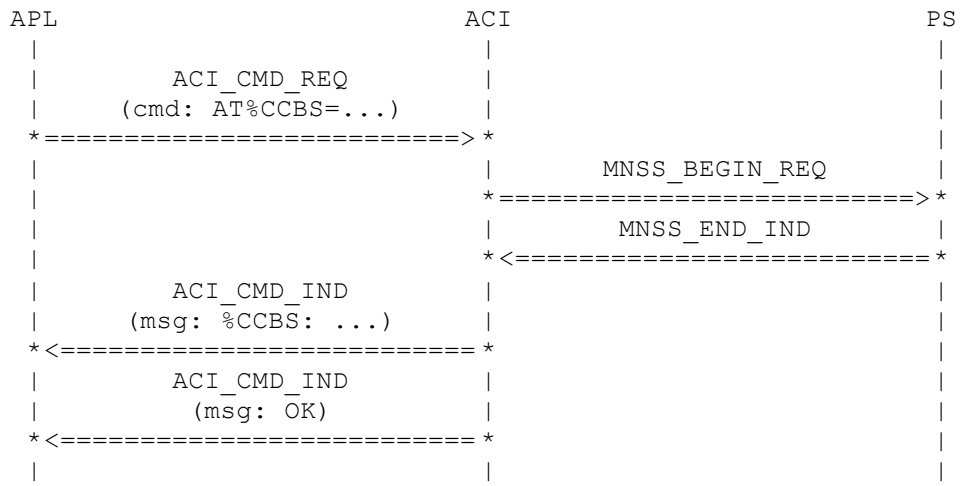
Description:

Interrogate registered CCBS entries. No entries are registered but status is displayed.

Preamble:

ACISS001

Variants: <A>....<B>



Parametrization:

Primitive	Parameter	Value
(13) ACI_CMD_REQ		
	cmd_src	CMD_SRC_EXT
	cmd_len	LC_PERCENT_CCBS_ITRG
	cmd_seq	C_PERCENT_CCBS_ITRG
(14) MNSS_BEGIN_REQ		
	ti	NUM_0
	fac_inf	A_FAC_CCBS_ITRG
	ss_ver	NOT_USED
(15) MNSS_END_IND		
	ti	NUM_0
	cause	MNSS_CAUSE_NO_NET_CAUSE
<A>	fac_inf	A_FAC_CCBS_ITRG_P_RES
<B>	fac_inf	A_FAC_CCBS_ITRG_NP_RES
(16) ACI_CMD_IND		
<A>	cmd_len	LM_PERCENT_CCBS_ITRG_P

<B>	cmd_len	LM_PERCENT_CCBS_ITRG_NP
<A>	cmd_seq	M_PERCENT_CCBS_ITRG_P
<B>	cmd_seq	M_PERCENT_CCBS_ITRG_NP

(17) ACI_CMD_IND

	cmd_len	LM_OK
	cmd_seq	M_OK

History:	07.04.00	ACI	Initial