

Vcc Activation

← **ATR** T=0 (0,15), F/D = 16, Negotiable

TS 3B - Direct Convention

T0

Number of Historical Characters 15d

Following Chars TA1 TD1

TA1

Internal Clock 512d

Bit Rate Adjustment Factor 32d

TD1

Protocol T=0

Following Chars TD2

TD2

Protocol T=15

Following Chars TA3 TB3

TA3

Clock stop indicator X Supported, no preference

Class indicator U A, B, C

TB3

Low Impedance drivers and protocols on the I/O line Not supported

Inter-Chip USB UICC-Terminal interface Not supported

UICC-CLF interface Not supported

Secure Channel Not supported

Secured APDU - Platform to Platform Not required

Historical bytes

Category indicator 80

Card Service Data, Tag = '03', Length =1

Card-profile for application-independent card services

Direct application selection by full DF name Yes

Selection by partial DF name Yes

Data objects available in DIR file Yes

Data objects available in ATR file No

File I/O services by READ RECORD(S) command

RFU 0 0 0

Card Capabilities, Tag = '07', Length =3

Software function table 1

DF Selection by full DF name Yes

DF Selection by partial DF name Yes

DF Selection by path Yes

DF Selection by file identifier Yes

DF Selection by implicit No

EF Management - Short EF identifier supported Yes

EF Management - Record number supported Yes

EF Management - Record identifier supported No

Software function table 2 (data coding byte)

RFU 0

Behaviour of write functions proprietary

RFU 0 0

Data unit size in nibbles 2

Software function table 3

RFU 0

Extended Lc and Le field Yes

RFU 0

Logical channel assignment by the card Yes

Logical channel assignment by the interface device No

Number of logical channels 8 or more

Card Issuer's Data, Tag = '05', Length =7

Value 4A 33 05 81 60 50 00

TCK CB

→ **PPS Request** T=0, F/D = 16

PPSS FF

PPS0

Label PPS1 Present

Protocol T=0

PPS1

Internal Clock 512d

Bit Rate Adjustment Factor 32d

PCK

Value 79

← **PPS Response** T=0, F/D = 16

PPSS FF

PPS0

Label PPS1 Present

Protocol T=0

PPS1

Internal Clock 512d
 Bit Rate Adjustment Factor 32d
 PCK
 Value 79

→ **SELECT MF (Master File)**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data No data returned
 Selection by AID control First or only occurrence
 File MF (Master File)

← 9000 Normal Ending Of The Command

→ **SELECT EF_PL (Preferred Languages)**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_PL (Preferred Languages)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 2F 05
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 5
 File Size, Tag = '80', Length =2
 File Size 00 0A
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 5

→ **READ BINARY**

Offset 0
 Length 10

← 9000 Normal Ending Of The Command

1st language code en (English)
 2nd language code Empty
 3rd language code Empty
 4th language code Empty
 5th language code Empty

→ **SELECT EF_ICCID (ICC Identification)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ICCID (ICC Identification)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 2F E2
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 0A
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 2

→ **READ BINARY**

Offset 0

Length 10

← 9000 Normal Ending Of The Command

identification number 8944500805172031765

→ **TERMINAL PROFILE**

Terminal Profile

Byte 1: Download

Profile download Yes

SMS PP data download Yes

Cell Broadcast data download Yes

Menu Selection Yes

Bit = 1 if SMS-PP data download is supported Yes

Timer Expiration Yes

Bit = 1 if Call Control by USIM is supported Yes

Bit = 1 if Call Control by USIM is supported Yes

Byte 2: Other

Command result Yes

Call control by USIM Yes

Bit = 1 if Call Control by USIM is supported Yes

MO short message control by USIM Yes

Bit = 1 if Call Control by USIM is supported Yes

UCS2 Entry supported Yes

UCS2 Display supported Yes

Display Text Yes

Byte 3: Proactive UICC

Display Text Yes

Get Inkey Yes

Get Input Yes

More Time Yes

Play Tone Yes

Poll Interval Yes

Polling Off Yes

Refresh Yes

Byte 4: Proactive UICC

Select Item Yes

Send Short Message Yes

Send SS Yes

Send USSD Yes

Set Up Call Yes

SetUp Menu Yes

Provide Local Information (MCC, MNC, LAC, Cell ID & IMEI) Yes

Provide Local Information (NMR) - in 3GPP terms, this indicates support for GERAN Yes

Byte 5: Event Driven Information

Set Up Event List Yes

MT Call Event Yes

Call Connected Event Yes

Call Disconnected Event Yes

Location Status Event Yes

User Activity Event Yes

Idle Screen Available Event Yes

Card Reader Status Event No

Byte 6: Event driven information extensions

Language Selection Event Yes

Browser Termination Event No

Data Available Event Yes

Channel Status Event Yes

Access Technology Change Event Yes

Display Parameters Changed Event No

Local Connection No

Network Search Mode Change Yes

Byte 7: Multiple card proactive commands

Power On Card No

Power Off Card No

Perform Card APDU No

Get Reader Status (Card reader status) No

Get Reader Status (Card reader identifier) No

RFU No

RFU No

RFU No

Byte 8: Proactive UICC

Timer Management (start, stop) Yes

Timer Management (get current value) Yes

Provide Local Information (date, time and timezone) Yes

GET INKEY Yes

Set Up Idle Mode Text Yes

Run AT Command Yes

SETUP CALL [Yes](#)
 Bit = 1 if Call Control by USIM is supported [Yes](#)
 Byte 9: Misc
 DISPLAY TEXT [Yes](#)
 Send DTMF [Yes](#)
 Provide Local Information (NMR) [Yes](#)
 Provide Local Information (Language) [Yes](#)
 Provide Local Information (Timing Advance) [Yes](#)
 Language Notification [Yes](#)
 Launch Browser [No](#)
 Provide Local Information (Access Technology) [Yes](#)
 Byte 10: Soft keys support
 Soft Keys Support for Select Item [Yes](#)
 Soft Keys Support for Set Menu [Yes](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 Byte 11: Soft keys information
 Maximum number of soft keys available [2](#)
 Byte 12: BIP proactive commands, class "e"
 Open Channel [Yes](#)
 Close Channel [Yes](#)
 Receive Data [Yes](#)
 Send Data [Yes](#)
 Get Channel Status [Yes](#)
 Service Search [No](#)
 Get Service Information [No](#)
 Declare Service [No](#)
 Byte 13: BIP supported bearers, class "e"
 CSD Supported by ME [No](#)
 GPRS Supported by ME [Yes](#)
 Bluetooth supported by ME [No](#)
 IrDA supported by ME [No](#)
 RS232 supported by ME [No](#)
 Number of channels supported by ME [7](#)
 Byte 14: Screen Height
 Number of characters supported down the ME display [0](#)
 No display capability (i.e. class "ND" is indicated) [No](#)
 No keypad available (i.e. class "NK" is indicated) [No](#)
 Screen sizing parameters supported [No](#)
 Byte 15: Screen Width
 Number of characters supported across the ME display [0](#)
 Variable size fonts supported [No](#)
 Byte 16: Screen Effects
 Display can be resized [No](#)
 Text Wrapping Supported [No](#)
 Text Scrolling Supported [No](#)
 Text Attributes supported [No](#)
 RFU [No](#)
 Width reduction when in a menu [0](#)
 Byte 17:
 TCP, UICC in client mode, remote connection [Yes](#)
 UDP, UICC in client mode, remote connection [Yes](#)
 TCP, UICC in server mode [No](#)
 TCP, UICC in client mode, local connection (i.e. class "k" is supported) [No](#)
 UDP, UICC in client mode, local connection (i.e. class "k" is supported) [No](#)
 Direct communication channel (i.e. class "k" supported) [No](#)
 E-UTRAN [No](#)
 HSDPA [Yes](#)
 Byte 18:
 DISPLAY TEXT (Variable Time out) [Yes](#)
 GET INKEY (help is supported while waiting for immediate response or variable timeout) [Yes](#)
 USB (Bearer Independent protocol supported bearers, class "e") [No](#)
 Proactive UICC: GET INKEY (Variable Timeout) [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (ESN) [No](#)
 CALL CONTROL on GPRS [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (IMEISV) [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (Search Mode change) [Yes](#)
 Byte 19: (reserved for TIA/EIA-136 facilities)
 Protocol Version [0](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 Byte 20: Reserved by TIA/EIA/IS-820 [00](#)

Byte 21: (Extended Launch Browser Capability) for class "c"
WML Browser supported by terminal No
XHTML Browser supported by terminal No
HTML Browser supported by terminal No
CHTML Browser supported by terminal No
RFU No
RFU No
RFU No
RFU No

Byte 22:
Support of UTRAN PS with extended parameters No
Proactive UICC: PROVIDE LOCAL INFORMATION(battery state), (i.e. class "g" is supported) No
Proactive UICC: PLAY TONE (Melody tones and Themed tones supported) Yes
Multi-media Calls in SET UP CALL (if class h supported) Yes
Toolkit-initiated GBA Yes
Proactive UICC: RETRIEVE MULTIMEDIA MESSAGE (if class "j" is supported) No
Proactive UICC: SUBMIT MULTIMEDIA MESSAGE (if class "j" is supported) No
Proactive UICC: DISPLAY MULTIMEDIA MESSAGE (if class "j" is supported) No

Byte 23:
Proactive UICC: SET FRAMES (i.e. class "i" is supported) No
Proactive UICC: GET FRAMES STATUS (i.e. class "i" is supported) No
MMS notification download (if class "j" is supported) No
Alpha Identifier in REFRESH command supported by terminal Yes
Geographical Location Reporting No
Proactive UICC: PROVIDE LOCAL INFORMATION (MEID) No
Proactive UICC: PROVIDE LOCAL INFORMATION (NMR(UTRAN/E-UTRAN)) Yes
USSD Data download and application mode (if class "p" is supported) No

Byte 24: for class "i"
Maximum number of frames supported (including frames created in existing frames) 0
RFU No
RFU No
RFU No
RFU No

Byte 25: (Event driven information extensions)
Event: Browsing status (if class "ac" is supported) No
Event: MMS Transfer status (if class "j" is supported) No
Event: Frame Parameters changed (i.e. class "i" is supported) No
Event: I-WLAN Access status (if class "e" is supported) No
Event: Network Rejection for GERAN/UTRAN Yes
Event: HCI connectivity event (i.e. class "m" is supported) No
Event: Network Rejection for E-UTRAN No
Multiple access technologies supported No

Byte 26: (Event driven information extensions)
Event: CSG Cell Selection (if class "q" is supported) No
Event: Contactless state request (if class "r" is supported) No
RFU No
RFU No
RFU No
RFU No
RFU No
RFU No

Byte 27: (Event driven information extensions)
RFU No
RFU No
RFU No
RFU No
RFU No
RFU No
RFU No

Byte 28: (Text attributes)
Alignment left supported by Terminal No
Alignment centre supported by Terminal No
Alignment right supported by Terminal No
Font size normal supported by Terminal No
Font size large supported by Terminal No
Font size small supported by Terminal No
RFU No
RFU No

Byte 29: (Text attributes)
Style normal supported by Terminal No
Style bold supported by Terminal No
Style italic supported by Terminal No
Style underlined supported by Terminal No
Style strikethrough supported by Terminal No
Style text foreground colour supported by Terminal No
Style text background colour supported by Terminal No
RFU No

Byte 30:

I-WLAN bearer support (if class "e" is supported) **No**
 Proactive UICC: PROVIDE LOCAL INFORMATION (WSID of the current I-WLAN connection) **No**
 TERMINAL APPLICATIONS (i.e. class "k" is supported) **No**
 "Steering of Roaming" REFRESH support **Yes**
 Proactive UICC: ACTIVATE (i.e class "l" is supported) **No**
 Proactive UICC: Geographical Location Request (if class "n" is supported) **No**
 Proactive UICC: PROVIDE LOCAL INFORMATION (Broadcast Network Information) (i.e class "o" is supported) **No**
 "Steering of Roaming for I-WLAN" Refresh Support **No**

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

→ **SELECT EF_DIR (DIR)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_DIR (DIR)**

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **38**

Number of Records **1**

File ID, Tag = '83', Length =2

File ID **2F 00**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **4**

File Size, Tag = '80', Length =2

File Size **00 26**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **30**

→ **READ RECORD Record = 1**

Record Number **1**

Mode **Absolute/current**

Length **38**

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

Application template, Tag = '61', Length =20

Application Identifier, Tag = '4F', Length =12

AID **'A0 00 00 00 87 10 02 FF 49 FF 05 89'**

Application label, Tag = '50', Length =4

Value **USIM**

→ **SELECT USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'**

Select Option **Selection by DF name**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'**

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

DF Name, Tag = '84', Length =12

DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT MF (Master File)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **MF (Master File)**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **3F 00**
 Proprietary Information, Tag = 'A5', Length =11
 UICC Characteristics, Tag = '80', Length =1
 UICC Characteristics
 Clock Stop Allowed? **Clock stop allowed**
 RFU **0**
 Level Information **0 0**
 Supply Voltage A **Yes**
 Supply Voltage B **Yes**
 Supply Voltage C **Yes**
 RFU **0**
 Available Memory, Tag = '83', Length =3
 Available Memory **05 17 6E**
 Supported System Commands, Tag = '87', Length =1
 Supported System Commands
 Terminal Capability Supported **Yes**
 RFU **0 0 0 0 0 0**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **1**
 PIN Status Template DO, Tag = 'C6', Length =9
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**

→ **SELECT 7FFF - USIM**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Key Reference, Tag = '83', Length =1

Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT '7F 66'**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **'7F 66'**

← **6A82 File not found**

→ **SELECT 7FFF - USIM**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

DF Name, Tag = '84', Length =12

DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Key Reference, Tag = '83', Length =1

Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT EF_LI (Language Indication)**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_LI (Language Indication)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 05**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**
 Record: **3**
 File Size, Tag = '80', Length = **2**
 File Size **00 06**
 Short File Identifier, Tag = '88', Length = **1**
 Short File Identifier **2**

→ **READ BINARY**

Offset **0**
 Length **6**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

1st Language Code **de (German)**
 2nd Language Code **en (English)**
 3rd Language Code **Empty**

→ **SELECT EF_AD (Administrative Data)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_AD (Administrative Data)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length = **23**
 File Descriptor, Tag = '82', Length = **2**
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length = **2**
 File ID **6F AD**
 Life Cycle Status Integer, Tag = '8A', Length = **1**
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length = **3**
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length = **2**
 File Size **00 04**
 Short File Identifier, Tag = '88', Length = **1**
 Short File Identifier **3**

→ **READ BINARY**

Offset **0**
 Length **4**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

UE operation mode **normal operation**
 Additional Information **'00 01'**
 Length of MNC in the IMSI **2**
 RFU

→ **VERIFY PIN** Key Reference = 01 (PIN Appl 1), Query

Key Reference **01 (PIN Appl 1)**

← **63C3 3 retries remaining**

→ **VERIFY PIN** Key Reference = 81 (PIN2 Appl 1), Query

Key Reference **81 (PIN2 Appl 1)**

← **63C3 3 retries remaining**

→ **UNBLOCK PIN** Key Reference = 01 (PIN Appl 1), Query

Key Reference **01 (PIN Appl 1)**

← **63CA 10 retries remaining**

→ **UNBLOCK PIN** Key Reference = 81 (PIN2 Appl 1), Query

Key Reference **81 (PIN2 Appl 1)**

← **63CA 10 retries remaining**

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ECC (Emergency Call Codes)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length = **26**
 File Descriptor, Tag = '82', Length = **5**
 File Descriptor Byte

EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **14**
 Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F B7**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length =2
 File Size **00 1C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **READ RECORD** Record = 1

Record Number **1**
 Mode **Absolute/current**
 Length **14**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Emergency Call Code **112**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **READ RECORD** Record = 2

Record Number **2**
 Mode **Absolute/current**
 Length **14**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Emergency Call Code **911**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **SELECT EF_UST (USIM Service Table)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_UST (USIM Service Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 38**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 0C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **4**

→ **READ BINARY**

Offset 0

Length 12

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

Service 1: Local Phone Book service not available
Service 2: Fixed Dialling Numbers service available
Service 3: Extension 2 service not available
Service 4: Service Dialling Numbers service not available
Service 5: Extension3 service not available
Service 6: Barred Dialling Numbers service not available
Service 7: Extension4 service not available
Service 8: Outgoing Call Information service available
Service 9: Incoming Call Information service available
Service 10: Short Message Storage service available
Service 11: Short Message Status Reports service available
Service 12: Short Message Service Parameters service available
Service 13: Advice of Charge service not available
Service 14: Capability Configuration Parameters 2 (CCP2) service available
Service 15: Cell Broadcast Message Identifier service not available
Service 16: Cell Broadcast Message Identifier Ranges service not available
Service 17: Group Identifier Level 1 service available
Service 18: Group Identifier Level 2 service not available
Service 19: Service Provider Name service available
Service 20: User controlled PLMN selector with Access Technology service available
Service 21: MSISDN service available
Service 22: Image service not available
Service 23: Support of Localised Service Areas (SoLSA) service not available
Service 24: Enhanced Multi-Level Precedence and Pre-emption Service service not available
Service 25: Automatic Answer for eMLPP service not available
Service 26: RFU service not available
Service 27: GSM Access service available
Service 28: Data download via SMS-PP service available
Service 29: Data download via SMS-CB service not available
Service 30: Call Control by USIM service not available
Service 31: MO-SMS Control by USIM service not available
Service 32: RUN AT COMMAND command service not available
Service 33: Should be available (previously Packet Switched Domain) service available
Service 34: Enabled Services Table service available
Service 35: APN Control List service available
Service 36: Depersonalisation Control Keys service not available
Service 37: Co-operative Network List service not available
Service 38: GSM security context service available
Service 39: CPBCCCH Information service available
Service 40: Investigation Scan service not available
Service 41: MExE service not available
Service 42: Operator controlled PLMN selector with Access Technology service available
Service 43: HPLMN selector with Access Technology service available
Service 44: Extension 5 service not available
Service 45: PLMN Network Name service not available
Service 46: Operator PLMN List service not available
Service 47: Mailbox Dialling Numbers service not available
Service 48: Message Waiting Indication Status service not available
Service 49: Call Forwarding Indication Status service not available
Service 50: Reserved and shall be ignored. service not available
Service 51: Service Provider Display Information service not available
Service 52: Multimedia Messaging Service (MMS) service available
Service 53: Extension 8 service available
Service 54: Call control on GPRS by USIM service not available
Service 55: MMS User Connectivity Parameters service available
Service 56: Network's indication of alerting in the MS (NIA) service not available
Service 57: VGCS Group Identifier List (EFVGCS and EFVGCSS) service not available
Service 58: VBS Group Identifier List (EFVBS and EFVBSS) service not available
Service 59: Pseudonym service not available
Service 60: User Controlled PLMN selector for I-WLAN access service not available
Service 61: Operator Controlled PLMN selector for I-WLAN access service not available
Service 62: User controlled WSID list service not available
Service 63: Operator controlled WSID list service not available
Service 64: VGCS security service not available
Service 65: VBS security service not available
Service 66: WLAN Reauthentication Identity service not available
Service 67: Multimedia Messages Storage service not available
Service 68: Generic Bootstrapping Architecture (GBA) service not available
Service 69: MBMS security service not available
Service 70: Data download via USSD and USSD application mode service not available
Service 71: Equivalent HPLMN service not available
Service 72: Additional TERMINAL PROFILE after UICC activation service not available
Service 73: Equivalent HPLMN Presentation Indication service not available
Service 74: Last RPLMN Selection Indication service not available
Service 75: OMA BCAST Smart Card Profile service not available

Service 76: GBA-based Local Key Establishment Mechanism **service not available**
 Service 77: Terminal Applications **service not available**
 Service 78: Service Provider Name Icon **service not available**
 Service 79: PLMN Network Name Icon **service not available**
 Service 80: Connectivity Parameters for USIM IP connections **service not available**
 Service 81: Home I-WLAN Specific Identifier List **service not available**
 Service 82: I-WLAN Equivalent HPLMN Presentation Indication **service not available**
 Service 83: I-WLAN HPLMN Priority Indication **service not available**
 Service 84: I-WLAN Last Registered PLMN **service not available**
 Service 85: EPS Mobility Management Information **service not available**
 Service 86: Allowed CSG Lists and corresponding indications **service not available**
 Service 87: Call control on EPS PDN connection by USIM **service not available**
 Service 88: HPLMN Direct Access **service not available**
 Service 89: eCall Data **service not available**
 Service 90: Operator CSG Lists and corresponding indications **service not available**
 Service 91: Support for SM-over-IP **service not available**
 Service 92: Support of CSG Display Control **service not available**
 Service 93: Communication Control for IMS by USIM **service not available**
 Service 94: Extended Terminal Applications **service not available**
 Service 95: Support of UICC access to IMS **service not available**
 Service 96: Non-Access Stratum configuration by USIM **service not available**

→ **SELECT EF_EST (Enabled Services Table)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EST (Enabled Services Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 56**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **5**
 File Size, Tag = '80', Length =2
 File Size **00 03**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **5**

→ **READ BINARY**

Offset **0**
 Length **3**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Service 1: Fixed Dialling Numbers (FDN) **service not activated**
 Service 2: Barred Dialling Numbers (BDN) **service not activated**
 Service 3: APN Control List (ACL) **service not activated**
 Addition Services **'00 00'**

→ **SELECT EF_IMSI (IMSI)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_IMSI (IMSI)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 07**

Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **7**

→ **READ BINARY**

Offset **0**
 Length **9**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**
 Length of IMSI **8**
 IMSI **Check digit: 9 Value: 234507093203176**

→ **FETCH**

← **9000 Normal Ending Of The Command** Set Up Event List
 Set Up Event List, Tag = 'D0', Length =14
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Set Up Event List**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **ME**
 Event List, Tag = '99', Length =3
 Event List Item **Location status event**
 Event List Item **Data Available event**
 Event List Item **Channel Status event**

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ECC (Emergency Call Codes)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **14**
 Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F B7**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length =2
 File Size **00 1C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Set Up Event List**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**

← **910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Poll Interval
 Poll Interval, Tag = 'D0', Length =13
 Command details, Tag = '81', Length =3
 Command number **1**

Type of command **Poll Interval**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **ME**
 Duration, Tag = '04', Length =2
 Time unit **Seconds**
 Time interval **30**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Poll Interval**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Duration, Tag = '84', Length =2
 Time unit **Seconds**
 Time interval **30**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_MSISDN (MSISDN)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_MSISDN (MSISDN)**

← **611B Get Response request, 27 bytes available**

→ **GET RESPONSE**

Le **27**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **24**
 Number of Records **3**
 File ID, Tag = '83', Length =2
 File ID **6F 40**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 48**
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_FDN (Fixed Dialling Numbers)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_FDN (Fixed Dialling Numbers)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **32**
 Number of Records **5**
 File ID, Tag = '83', Length =2
 File ID **6F 3B**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3B**

Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **5**
 File Size, Tag = '80', Length =2
 File Size **00 A0**
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_LND** (Last number dialled)
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_LND** (Last number dialled)

← **611B Get Response request, 27 bytes available**

→ **GET RESPONSE**

Le **27**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Cyclic**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **32**

Number of Records **5**

File ID, Tag = '83', Length =2

File ID **6F 44**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 A0**

Short File Identifier, Tag = '88', Length =0

→ **SELECT '7F 20 6F 17'**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **'7F 20 6F 17'**

← **6A82 File not found**

→ **SELECT DF_PHONEBOOK**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **DF_PHONEBOOK**

← **611D Get Response request, 29 bytes available**

→ **GET RESPONSE**

Le **29**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =27

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **5F 3A**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **9**

PIN Status Template DO, Tag = 'C6', Length =9

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

→ **SELECT EF_PBR** (Phone Book Reference)

Select Option [Select DF, EF or MF by file id](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_PBR \(Phone Book Reference\)](#)

← 611B Get Response request, 27 bytes available

→ GET RESPONSE

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 7

Number of Records 1

File ID, Tag = '83', Length =2

File ID **4F 30**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 8

File Size, Tag = '80', Length =2

File Size **00 07**

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 1

Record Number 1

Mode [Absolute/current](#)

Length 7

← 9000 Normal Ending Of The Command

Type 1, Tag = 'A8', Length =5

EF_ADN Data Object, Tag = 'C0', Length =3

FID **'4F58'**

SFI **'01'**

→ SELECT EF_ADN (Abbreviated dialling numbers)

Select Option [Select DF, EF or MF by file id](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File [EF_ADN \(Abbreviated dialling numbers\)](#)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 34

Number of Records 1

File ID, Tag = '83', Length =2

File ID **4F 58**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 4

File Size, Tag = '80', Length =2

File Size **00 22**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **1**

→ SELECT EF_ECC (Emergency Call Codes)

Select Option [Select by path from MF](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File [EF_ECC \(Emergency Call Codes\)](#)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 14
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F B7
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 1C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ READ RECORD Record = 1

Record Number 1
 Mode Absolute/current
 Length 14

← 9000 Normal Ending Of The Command

Emergency Call Code 112
 Emergency Call Code Alpha Identifier Emergency
 Emergency Service Category
 Police Yes
 Ambulance No
 Fire Brigade No
 Marine Guard No
 Mountain Rescue No
 manually initiated eCall No
 automatically initiated eCall No

→ SELECT '7F 20 6F 16'

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File '7F 20 6F 16'

← 6A82 File not found

→ SELECT EF_ECC (Emergency Call Codes)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ECC (Emergency Call Codes)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 14
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F B7
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 1C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ SELECT EF_ARR (Access Rule Reference)

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset

Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_ARR \(Access Rule Reference\)](#)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le 28

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **49**

Number of Records **10**

File ID, Tag = '83', Length =2

File ID **6F 06**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **1**

File Size, Tag = '80', Length =2

File Size **01 EA**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **23**

→ **READ RECORD Record = 7**

Record Number **7**

Mode **Absolute/current**

Length **49**

← **9000 Normal Ending Of The Command** Read=ALW, Update/Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**

Delete **False**

Terminate **False**

Activate **False**

Deactivate **False**

Write **False**

Update **False**

Read **True**

Always, Tag = '90', Length =0

Data

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**

Delete **False**

Terminate **False**

Activate **True**

Deactivate **True**

Write **False**

Update **True**

Read **False**

CRT Value, Tag = 'A4', Length =6

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Usage Qualifier, Tag = '95', Length =1

Usage Qualifier Value **08**

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**

Delete **True**

Terminate **True**

Activate **False**

Deactivate **False**

Write **True**

Update **False**

Read **False**

Never, Tag = '97', Length =0

Data

Padding **FF FF**

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option [Select DF, EF or MF by file id](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

```

Selection by AID control First or only occurrence
File EF_ECC (Emergency Call Codes)
← 611C Get Response request, 28 bytes available
→ GET RESPONSE
Le 28
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =26
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 14
Number of Records 2
File ID, Tag = '83', Length =2
File ID 6F B7
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 7
File Size, Tag = '80', Length =2
File Size 00 1C
Short File Identifier, Tag = '88', Length =1
Short File Identifier 1
→ READ RECORD Record = 2
Record Number 2
Mode Absolute/current
Length 14
← 9000 Normal Ending Of The Command
Emergency Call Code 911
Emergency Call Code Alpha Identifier Emergency
Emergency Service Category
Police Yes
Ambulance No
Fire Brigade No
Marine Guard No
Mountain Rescue No
manually initiated eCall No
automatically initiated eCall No
→ SELECT '7F 20 6F 15'
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File '7F 20 6F 15'
← 6A82 File not found
→ SELECT '7F FF 6F 15'
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File '7F FF 6F 15'
← 6A82 File not found
→ SELECT EF_OCI (Outgoing Call Information)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_OCI (Outgoing Call Information)
← 6121 Get Response request, 33 bytes available
→ GET RESPONSE
Le 33
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =31
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Cyclic
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 45
Number of Records 5
File ID, Tag = '83', Length =2

```

File ID **6F 81**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **8**
 File Size, Tag = '80', Length =2
 File Size **00 E1**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **21**

→ **SELECT EF_ARR (Access Rule Reference)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ARR (Access Rule Reference)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **49**
 Number of Records **10**
 File ID, Tag = '83', Length =2
 File ID **6F 06**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **1**
 File Size, Tag = '80', Length =2
 File Size **01 EA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **23**

→ **READ RECORD Record = 8**

Record Number **8**
 Mode **Absolute/current**
 Length **49**

← **9000 Normal Ending Of The Command** Read/Update=PIN Appl 1, Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **False**
 Deactivate **False**
 Write **False**
 Update **True**
 Read **True**
 CRT Value, Tag = 'A4', Length =6
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Usage Qualifier, Tag = '95', Length =1
 Usage Qualifier Value **08**
 AM_DO Command Mask, Tag = '84', Length =1
 Excess data **32**
 Never, Tag = '97', Length =0
 Data
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **True**
 Deactivate **True**
 Write **False**
 Update **False**

Read **False**
 CRT Value, Tag = 'A4', Length =6
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Usage Qualifier, Tag = '95', Length =1
 Usage Qualifier Value **08**
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **True**
 Terminate **True**
 Activate **False**
 Deactivate **False**
 Write **True**
 Update **False**
 Read **False**
 Never, Tag = '97', Length =0
 Data
 Padding **FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF**

→ **SELECT EF_OCI (Outgoing Call Information)**
 Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_OCI (Outgoing Call Information)**
 ← **6121 Get Response request, 33 bytes available**

→ **GET RESPONSE**
 Le **33**
 ← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =31
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Cyclic**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **45**
 Number of Records **5**
 File ID, Tag = '83', Length =2
 File ID **6F 81**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **8**
 File Size, Tag = '80', Length =2
 File Size **00 E1**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **21**

→ **SELECT EF_EXT2 (Extension2)**
 Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT2 (Extension2)**

← **6A82 File not found**

→ **SELECT EF_EXT3 (Extension3)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT3 (Extension3)**

← **6A82 File not found**

→ **SELECT EF_EXT4 (Extension4)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT4 (Extension4)**

← **6A82 File not found**

→ **SELECT EF_EXT5 (Extension5)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**

Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT5 (Extension5)**

← **6A82 File not found**

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ECC (Emergency Call Codes)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **14**
 Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F B7**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length =2
 File Size **00 1C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **READ RECORD Record = 1**

Record Number **1**
 Mode **Absolute/current**
 Length **14**

← **9000 Normal Ending Of The Command**

Emergency Call Code **112**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **READ RECORD Record = 2**

Record Number **2**
 Mode **Absolute/current**
 Length **14**

← **9000 Normal Ending Of The Command**

Emergency Call Code **911**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **STATUS**

Indication **Current application is initialized in the terminal**
 Response data **Response parameter and data identical to SELECT command**

← **6C2A Resend request, 42 bytes required**

→ **STATUS**

Indication **Current application is initialized in the terminal**
 Response data **Response parameter and data identical to SELECT command**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte

File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT '7F 40 6F 93'**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **'7F 40 6F 93'**

← **6A82 File not found**

→ **SELECT EF_UST (USIM Service Table)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_UST (USIM Service Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 38**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 0C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **4**

→ **SELECT 7FFF - USIM**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 7
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **SELECT EF_DIR (DIR)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_DIR (DIR)

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 38
 Number of Records 1
 File ID, Tag = '83', Length =2
 File ID 2F 00
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 4
 File Size, Tag = '80', Length =2
 File Size 00 26
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 30

→ **READ RECORD Record = 1**

Record Number 1
 Mode Absolute/current
 Length 38

← 9000 Normal Ending Of The Command

Application template, Tag = '61', Length =20
 Application Identifier, Tag = '4F', Length =12
 AID 'A0 00 00 00 87 10 02 FF 49 FF 05 89'
 Application label, Tag = '50', Length =4
 Value USIM

→ **SELECT EF_UST (USIM Service Table)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_UST (USIM Service Table)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 38
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06
 Record: 4
 File Size, Tag = '80', Length = 2
 File Size 00 0C
 Short File Identifier, Tag = '88', Length = 1
 Short File Identifier 4

→ **READ BINARY**

Offset 0
 Length 12

← 9000 Normal Ending Of The Command

Service 1: Local Phone Book service not available
 Service 2: Fixed Dialling Numbers service available
 Service 3: Extension 2 service not available
 Service 4: Service Dialling Numbers service not available
 Service 5: Extension3 service not available
 Service 6: Barred Dialling Numbers service not available
 Service 7: Extension4 service not available
 Service 8: Outgoing Call Information service available
 Service 9: Incoming Call Information service available
 Service 10: Short Message Storage service available
 Service 11: Short Message Status Reports service available
 Service 12: Short Message Service Parameters service available
 Service 13: Advice of Charge service not available
 Service 14: Capability Configuration Parameters 2 (CCP2) service available
 Service 15: Cell Broadcast Message Identifier service not available
 Service 16: Cell Broadcast Message Identifier Ranges service not available
 Service 17: Group Identifier Level 1 service available
 Service 18: Group Identifier Level 2 service not available
 Service 19: Service Provider Name service available
 Service 20: User controlled PLMN selector with Access Technology service available
 Service 21: MSISDN service available
 Service 22: Image service not available
 Service 23: Support of Localised Service Areas (SoLSA) service not available
 Service 24: Enhanced Multi-Level Precedence and Pre-emption Service service not available
 Service 25: Automatic Answer for eMLPP service not available
 Service 26: RFU service not available
 Service 27: GSM Access service available
 Service 28: Data download via SMS-PP service available
 Service 29: Data download via SMS-CB service not available
 Service 30: Call Control by USIM service not available
 Service 31: MO-SMS Control by USIM service not available
 Service 32: RUN AT COMMAND command service not available
 Service 33: Should be available (previously Packet Switched Domain) service available
 Service 34: Enabled Services Table service available
 Service 35: APN Control List service available
 Service 36: Depersonalisation Control Keys service not available
 Service 37: Co-operative Network List service not available
 Service 38: GSM security context service available
 Service 39: CPBCCCH Information service available
 Service 40: Investigation Scan service not available
 Service 41: MExE service not available
 Service 42: Operator controlled PLMN selector with Access Technology service available
 Service 43: HPLMN selector with Access Technology service available
 Service 44: Extension 5 service not available
 Service 45: PLMN Network Name service not available
 Service 46: Operator PLMN List service not available
 Service 47: Mailbox Dialling Numbers service not available
 Service 48: Message Waiting Indication Status service not available
 Service 49: Call Forwarding Indication Status service not available
 Service 50: Reserved and shall be ignored. service not available
 Service 51: Service Provider Display Information service not available
 Service 52: Multimedia Messaging Service (MMS) service available
 Service 53: Extension 8 service available
 Service 54: Call control on GPRS by USIM service not available
 Service 55: MMS User Connectivity Parameters service available
 Service 56: Network's indication of alerting in the MS (NIA) service not available
 Service 57: VGCS Group Identifier List (EFVGCS and EFVGCSS) service not available
 Service 58: VBS Group Identifier List (EFVBS and EFVBSS) service not available
 Service 59: Pseudonym service not available
 Service 60: User Controlled PLMN selector for I-WLAN access service not available
 Service 61: Operator Controlled PLMN selector for I-WLAN access service not available
 Service 62: User controlled WSID list service not available
 Service 63: Operator controlled WSID list service not available
 Service 64: VGCS security service not available
 Service 65: VBS security service not available
 Service 66: WLAN Reauthentication Identity service not available
 Service 67: Multimedia Messages Storage service not available

Service 68: Generic Bootstrapping Architecture (GBA) **service not available**
 Service 69: MBMS security **service not available**
 Service 70: Data download via USSD and USSD application mode **service not available**
 Service 71: Equivalent HPLMN **service not available**
 Service 72: Additional TERMINAL PROFILE after UICC activation **service not available**
 Service 73: Equivalent HPLMN Presentation Indication **service not available**
 Service 74: Last RPLMN Selection Indication **service not available**
 Service 75: OMA BCAST Smart Card Profile **service not available**
 Service 76: GBA-based Local Key Establishment Mechanism **service not available**
 Service 77: Terminal Applications **service not available**
 Service 78: Service Provider Name Icon **service not available**
 Service 79: PLMN Network Name Icon **service not available**
 Service 80: Connectivity Parameters for USIM IP connections **service not available**
 Service 81: Home I-WLAN Specific Identifier List **service not available**
 Service 82: I-WLAN Equivalent HPLMN Presentation Indication **service not available**
 Service 83: I-WLAN HPLMN Priority Indication **service not available**
 Service 84: I-WLAN Last Registered PLMN **service not available**
 Service 85: EPS Mobility Management Information **service not available**
 Service 86: Allowed CSG Lists and corresponding indications **service not available**
 Service 87: Call control on EPS PDN connection by USIM **service not available**
 Service 88: HPLMN Direct Access **service not available**
 Service 89: eCall Data **service not available**
 Service 90: Operator CSG Lists and corresponding indications **service not available**
 Service 91: Support for SM-over-IP **service not available**
 Service 92: Support of CSG Display Control **service not available**
 Service 93: Communication Control for IMS by USIM **service not available**
 Service 94: Extended Terminal Applications **service not available**
 Service 95: Support of UICC access to IMS **service not available**
 Service 96: Non-Access Stratum configuration by USIM **service not available**

→ **SELECT EF_ICCID (ICC Identification)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_ICCID (ICC Identification)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **2F E2**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 0A**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **2**

→ **READ BINARY**

Offset **0**

Length **10**

← **9000 Normal Ending Of The Command**

identification number **8944500805172031765**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_PUID (Previous Unique Identifier)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_PUID (Previous Unique Identifier)**

← **6A82 File not found**

→ **SELECT EF_EST (Enabled Services Table)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EST (Enabled Services Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 56**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **5**
 File Size, Tag = '80', Length =2
 File Size **00 03**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **5**

→ **SELECT '7F FF 7F 66 5F 30 4F 34'**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **'7F FF 7F 66 5F 30 4F 34'**

← **6A82 File not found**

→ **SELECT EF_PBR (Phone Book Reference)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_PBR (Phone Book Reference)**

← **611B Get Response request, 27 bytes available**

→ **GET RESPONSE**

Le **27**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**

Data Coding Byte 21
 Record Length 7
 Number of Records 1
 File ID, Tag = '83', Length =2
 File ID 4F 30
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 8
 File Size, Tag = '80', Length =2
 File Size 00 07
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_SMSP (Short message service parameters)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_SMSP (Short message service parameters)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 30
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F 42
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 42
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 3C
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_NETPAR (Network Parameters)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_NETPAR (Network Parameters)

← 611D Get Response request, 29 bytes available

→ **GET RESPONSE**

Le 29

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =27
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F C4
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 92
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

```

Offset 0
Length 146
← 9000 Normal Ending Of The Command
Data <Empty>
→ SELECT EF_PBR (Phone Book Reference)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_PBR (Phone Book Reference)
← 611B Get Response request, 27 bytes available
→ GET RESPONSE
Le 27
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =25
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 7
Number of Records 1
File ID, Tag = '83', Length =2
File ID 4F 30
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 8
File Size, Tag = '80', Length =2
File Size 00 07
Short File Identifier, Tag = '88', Length =0
→ READ RECORD Record = 1
Record Number 1
Mode Absolute/current
Length 7
← 9000 Normal Ending Of The Command
Type 1, Tag = 'A8', Length =5
EF_ADN Data Object, Tag = 'C0', Length =3
FID '4F58'
SFI '01'
→ SELECT EF_SMS (Short messages)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available
→ GET RESPONSE
Le 35
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =33
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 176
Number of Records 20
File ID, Tag = '83', Length =2
File ID 6F 3C
Proprietary Information, Tag = 'A5', Length =6
Private TLV, Tag = '91', Length =4
Data 7F 10 6F 3C
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 6
File Size, Tag = '80', Length =2
File Size 0D C0
Short File Identifier, Tag = '88', Length =0
→ READ RECORD Record = 1
Record Number 1

```

```

Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
  SMS Status
    RFU 00000b
    SMS Status Free space
  Service Centre Address Length 255d
  Service Centre Address
→ SELECT EF_ACC (Access Control Class)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_ACC (Access Control Class)
← 6119 Get Response request, 25 bytes available
→ GET RESPONSE
  Le 25
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =23
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 6F 78
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 4
    File Size, Tag = '80', Length =2
      File Size 00 02
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 6
→ READ BINARY
  Offset 0
  Length 2
← 9000 Normal Ending Of The Command
  Access control classes Allocated classes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
→ SELECT EF_ADN (Abbreviated dialling numbers)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_ADN (Abbreviated dialling numbers)
← 611C Get Response request, 28 bytes available
→ GET RESPONSE
  Le 28
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =26
    File Descriptor, Tag = '82', Length =5
      File Descriptor Byte
        EF Structure Linear Fixed
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
      Record Length 34
      Number of Records 1
    File ID, Tag = '83', Length =2
      File ID 4F 58
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 4
    File Size, Tag = '80', Length =2
      File Size 00 22
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 1
→ SELECT EF_EST (Enabled Services Table)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence

```


File **EF_EST** (Enabled Services Table)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID **6F 56**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 5

File Size, Tag = '80', Length =2

File Size **00 03**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **5**

→ **READ BINARY**

Offset 0

Length 3

← 9000 Normal Ending Of The Command

Service 1: Fixed Dialling Numbers (FDN) **service not activated**

Service 2: Barred Dialling Numbers (BDN) **service not activated**

Service 3: APN Control List (ACL) **service not activated**

Addition Services **'00 00'**

→ **SELECT EF_UST** (USIM Service Table)

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_UST** (USIM Service Table)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID **6F 38**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 4

File Size, Tag = '80', Length =2

File Size **00 0C**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **4**

→ **READ BINARY**

Offset 0

Length 1

← 9000 Normal Ending Of The Command

Service 1: Local Phone Book **service not available**

Service 2: Fixed Dialling Numbers **service available**

Service 3: Extension 2 **service not available**

Service 4: Service Dialling Numbers **service not available**

Service 5: Extension3 **service not available**

Service 6: Barred Dialling Numbers **service not available**

Service 7: Extension4 **service not available**

Service 8: Outgoing Call Information **service available**

→ **SELECT EF_SMSP** (Short message service parameters)

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File EF_SMSP (Short message service parameters)

← 6123 Get Response request, 35 bytes available

→ GET RESPONSE

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 30

Number of Records 2

File ID, Tag = '83', Length =2

File ID 6F 42

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 42

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 3C

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 1

Record Number 1

Mode Absolute/current

Length 30

← 9000 Normal Ending Of The Command

Alpha Identifier

Parameter Indicators

TP-Destination Address Parameter absent

TP-Service Centre Address Parameter present

TP-Protocol Identifier Parameter absent

TP-Data Coding Scheme Parameter absent

TP-Validity Period Parameter absent

TP-Service Centre Address '07 91 44 77 79 07 04 00 FF FF FF FF'

→ SELECT EF_PBR (Phone Book Reference)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_PBR (Phone Book Reference)

← 611B Get Response request, 27 bytes available

→ GET RESPONSE

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 7

Number of Records 1

File ID, Tag = '83', Length =2

File ID 4F 30

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 8

File Size, Tag = '80', Length =2

File Size 00 07

Short File Identifier, Tag = '88', Length =0

→ SELECT EF_FPLMN (Forbidden PLMNs)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_FPLMN (Forbidden PLMNs)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 7B

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 0C

Short File Identifier, Tag = '88', Length =1

Short File Identifier 13

→ **READ BINARY**

Offset 0

Length 12

← 9000 Normal Ending Of The Command

PLMN 1 <Empty>

PLMN 2 <Empty>

PLMN 3 <Empty>

PLMN 4 <Empty>

→ **SELECT EF_SMS (Short messages)**

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 2**

Record Number 2

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU 00000b

SMS Status Free space

Service Centre Address Length 255d

Service Centre Address

→ **SELECT EF_PBR (Phone Book Reference)**

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File [EF_PBR \(Phone Book Reference\)](#)

← 611B Get Response request, 27 bytes available

→ GET RESPONSE

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 7

Number of Records 1

File ID, Tag = '83', Length =2

File ID **4F 30**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 8

File Size, Tag = '80', Length =2

File Size **00 07**

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 1

Record Number 1

Mode **Absolute/current**

Length 7

← 9000 Normal Ending Of The Command

Type 1, Tag = 'A8', Length =5

EF_ADN Data Object, Tag = 'C0', Length =3

FID **'4F58'**

SFI **'01'**

→ SELECT EF_HPLMNwAcT (HPLMN selector with Access Technology)

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File [EF_HPLMNwAcT \(HPLMN selector with Access Technology\)](#)

← 6119 Get Response request, 25 bytes available

→ GET RESPONSE

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID **6F 62**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 4

File Size, Tag = '80', Length =2

File Size **00 0A**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **19**

→ READ BINARY

Offset 0

Length 10

← 9000 Normal Ending Of The Command

1st PLMN **<Empty>**

1st Access Technology identifier

2nd PLMN **<Empty>**

2nd Access Technology identifier

→ SELECT EF_SMSS (SMS status)

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File [EF_SMSS \(SMS status\)](#)

6120 Get Response request, 32 bytes available

←

→ **GET RESPONSE**

Le 32

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =30

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 43

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 43

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 02

Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset 0

Length 2

← 9000 Normal Ending Of The Command

Last Used TP-MR '23'

SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available

→ **SELECT EF_ADN (Abbreviated dialling numbers)**

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_ADN (Abbreviated dialling numbers)

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 34

Number of Records 1

File ID, Tag = '83', Length =2

File ID 4F 58

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 4

File Size, Tag = '80', Length =2

File Size 00 22

Short File Identifier, Tag = '88', Length =1

Short File Identifier 1

→ **SELECT EF_LOCI (Location Information)**

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_LOCI (Location Information)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 7E**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 0B**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **11**

→ **READ BINARY**

Offset **0**
 Length **11**

← **9000 Normal Ending Of The Command**

TMSI **'91 83 F2 32'**
 LAI (Location Area Information)
 MCC & MNC **EMT GSM (Estonia)**
 LAC **'00 08'**
 RFU **'00'**
 Location update status **updated**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 3**

Record Number **3**
 Mode **Absolute/current**
 Length **176**

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_ADN (Abbreviated dialling numbers)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ADN (Abbreviated dialling numbers)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

```

← 9000 Normal Ending Of The Command
    FCP Template, Tag = '62', Length =26
        File Descriptor, Tag = '82', Length =5
            File Descriptor Byte
                EF Structure Linear Fixed
                File Type Working EF
                File Accessibility Shareable file
            Data Coding Byte 21
            Record Length 34
            Number of Records 1
        File ID, Tag = '83', Length =2
            File ID 4F 58
        Life Cycle Status Integer, Tag = '8A', Length =1
            Life Cycle Status Integer Operational state - activated
        Referenced Security Attributes, Tag = '8B', Length =3
            File to reference: 6F 06
            Record: 4
        File Size, Tag = '80', Length =2
            File Size 00 22
        Short File Identifier, Tag = '88', Length =1
            Short File Identifier 1

```

```
→ SEARCH RECORD Simple Search string = 'FF FF FF FF FF FF FF FF...'
    Record number 1
    Mode Simple search - forward from record indicated in P1
    Search String 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
← 6101 Get Response request. 1 bytes available
```

← 9000 Normal Ending Of The Command

Record number(s) 1

Select Option [Select by path from MF](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF PSLOCI \(Packet Switched location information\)](#)

← 611E Get Response request, 30 bytes available

← 9000 Normal Ending Of The Command

```

FCP Template, Tag = '62', Length = 28
  File Descriptor, Tag = '82', Length = 2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length = 2
    File ID 6F 73
  Proprietary Information, Tag = 'A5', Length = 3
    Private TLV, Tag = 'C0', Length = 1
      Data 80
  Life Cycle Status Integer, Tag = '8A', Length = 1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length = 3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length = 2
    File Size 00 0E
  Short File Identifier, Tag = '88', Length = 1
    Short File Identifier 12

```

Offset 0
Length 14

← 9000 Normal Ending Of The Command

```
P-TMSI 'E4 51 FE 06'  
P-TMSI signature value '07 73 AD'  
LAI (Location Area Information)  
MCC & MNC EMT GSM (Estonia)  
LAC '00 08'  
RAC '51'  
Routing Area update status updated
```

Select Option [Select DF, EF or MF by file id](#)
Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File ['6F 15'](#)

← **6A82 File not found**

→ **SELECT EF_ECC** (Emergency Call Codes)

Select Option [Select by path from MF](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_ECC \(Emergency Call Codes\)](#)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = **'62'**, Length = **26**
 File Descriptor, Tag = **'82'**, Length = **5**
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **14**
 Number of Records **2**
 File ID, Tag = **'83'**, Length = **2**
 File ID **6F B7**
 Life Cycle Status Integer, Tag = **'8A'**, Length = **1**
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = **'8B'**, Length = **3**
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = **'80'**, Length = **2**
 File Size **00 1C**
 Short File Identifier, Tag = **'88'**, Length = **1**
 Short File Identifier **1**

→ **SELECT EF_ARR** (Access Rule Reference)

Select Option [Select DF, EF or MF by file id](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_ARR \(Access Rule Reference\)](#)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = **'62'**, Length = **26**
 File Descriptor, Tag = **'82'**, Length = **5**
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **49**
 Number of Records **10**
 File ID, Tag = **'83'**, Length = **2**
 File ID **6F 06**
 Life Cycle Status Integer, Tag = **'8A'**, Length = **1**
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = **'8B'**, Length = **3**
 File to reference: **6F 06**
 Record: **1**
 File Size, Tag = **'80'**, Length = **2**
 File Size **01 EA**
 Short File Identifier, Tag = **'88'**, Length = **1**
 Short File Identifier **23**

→ **READ RECORD** Record = **7**

Record Number **7**
 Mode [Absolute/current](#)
 Length **49**

← **9000 Normal Ending Of The Command** Read=ALW, Update/Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)
 AM_DO AM Byte, Tag = **'80'**, Length = **1**
 AM Byte
 Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **False**

Deactivate **False**
 Write **False**
 Update **False**
 Read **True**
 Always, Tag = '90', Length =0
 Data
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **True**
 Deactivate **True**
 Write **False**
 Update **True**
 Read **False**
 CRT Value, Tag = 'A4', Length =6
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Usage Qualifier, Tag = '95', Length =1
 Usage Qualifier Value **08**
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **True**
 Terminate **True**
 Activate **False**
 Deactivate **False**
 Write **True**
 Update **False**
 Read **False**
 Never, Tag = '97', Length =0
 Data
 Padding **FF FF**

→ **SELECT EF_ECC (Emergency Call Codes)**
 Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ECC (Emergency Call Codes)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **14**

Number of Records **2**

File ID, Tag = '83', Length =2

File ID **6F B7**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **7**

File Size, Tag = '80', Length =2

File Size **00 1C**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **1**

→ **SELECT EF_HPPLMN (Higher Priority PLMN search period)**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_HPPLMN (Higher Priority PLMN search period)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 31**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 01**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **18**

→ **READ BINARY**

Offset **0**
 Length **1**

← **9000 Normal Ending Of The Command**
 Time interval **30minutes**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 5**

Record Number **5**
 Mode **Absolute/current**
 Length **176**

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_EXT2 (Extension2)**

Select Option **Select by path from MF**

Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_EXT2 \(Extension2\)](#)

← **6A82 File not found**

→ **SELECT EF_KcGPRS (GPRS Ciphering key KcGPRS)**

Select Option [Select by path from MF](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_KcGPRS \(GPRS Ciphering key KcGPRS\)](#)

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **4F 52**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **2**

→ **READ BINARY**

Offset **0**
 Length **9**

← **9000 Normal Ending Of The Command**

Ciphering key KcGPRS **'95 AD 0B 5E 2B CC BC CF'**
 Ciphering key sequence number n for GPRS **'03'**

→ **SELECT EF_SMS (Short messages)**

Select Option [Select by path from MF](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_SMS \(Short messages\)](#)

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 6**

Record Number **6**

```

Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
  SMS Status
    RFU 00000b
    SMS Status Free space
  Service Centre Address Length 255d
  Service Centre Address

→ SELECT EF_EXT3 (Extension3)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_EXT3 (Extension3)
← 6A82 File not found

→ SELECT EF_Keys (Cipherring and Integrity Keys)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Keys (Cipherring and Integrity Keys)
← 611E Get Response request, 30 bytes available

→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 6F 08
    Proprietary Information, Tag = 'A5', Length =3
      Private TLV, Tag = 'C0', Length =1
        Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 6
    File Size, Tag = '80', Length =2
      File Size 00 21
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 8

→ READ BINARY
  Offset 0
  Length 33
← 9000 Normal Ending Of The Command
  Key set identifier KSI '07'
  Cipherring key CK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
  Integrity key IK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'

→ SELECT EF_SMS (Short messages)
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available

→ GET RESPONSE
  Le 35
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =33
    File Descriptor, Tag = '82', Length =5
      File Descriptor Byte
        EF Structure Linear Fixed
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
      Record Length 176
      Number of Records 20
    File ID, Tag = '83', Length =2
      File ID 6F 3C
    Proprietary Information, Tag = 'A5', Length =6

```

Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 3C
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 0D C0
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 7

Record Number 7
 Mode Absolute/current
 Length 176

← 9000 Normal Ending Of The Command

SMS Status
 RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **SELECT EF_EXT4 (Extension4)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_EXT4 (Extension4)

← 6A82 File not found

→ **SELECT EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 09
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 21
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 9

→ **READ BINARY**

Offset 0
 Length 33

← 9000 Normal Ending Of The Command

Key set identifier KSIPS '07'
 Ciphering key CKPS 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
 Integrity key IKPS 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'

→ **SELECT EF_SMS (Short messages)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 8

Record Number **8**
 Mode **Absolute/current**
 Length **176**

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_EXT5 (Extension5)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT5 (Extension5)**

← **6A82 File not found**

→ **SELECT EF_PLMNwAcT (User controlled PLMN selector with Access Technology)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_PLMNwAcT (User controlled PLMN selector with Access Technology)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 60**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 FA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **10**

→ **READ BINARY**

Offset **0**
 Length **240**

← **9000 Normal Ending Of The Command**

1st PLMN **<Empty>**
 1st Access Technology identifier
 2nd PLMN **<Empty>**
 2nd Access Technology identifier
 3rd PLMN **<Empty>**

3rd Access Technology identifier
4th PLMN <Empty>
4th Access Technology identifier
5th PLMN <Empty>
5th Access Technology identifier
6th PLMN <Empty>
6th Access Technology identifier
7th PLMN <Empty>
7th Access Technology identifier
8th PLMN <Empty>
8th Access Technology identifier
9th PLMN <Empty>
9th Access Technology identifier
10th PLMN <Empty>
10th Access Technology identifier
11st PLMN <Empty>
11st Access Technology identifier
12nd PLMN <Empty>
12nd Access Technology identifier
13rd PLMN <Empty>
13rd Access Technology identifier
14th PLMN <Empty>
14th Access Technology identifier
15th PLMN <Empty>
15th Access Technology identifier
16th PLMN <Empty>
16th Access Technology identifier
17th PLMN <Empty>
17th Access Technology identifier
18th PLMN <Empty>
18th Access Technology identifier
19th PLMN <Empty>
19th Access Technology identifier
20th PLMN <Empty>
20th Access Technology identifier
21st PLMN <Empty>
21st Access Technology identifier
22nd PLMN <Empty>
22nd Access Technology identifier
23rd PLMN <Empty>
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24th PLMN <Empty>
24th Access Technology identifier
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26th PLMN <Empty>
26th Access Technology identifier
27th PLMN <Empty>
27th Access Technology identifier
28th PLMN <Empty>
28th Access Technology identifier
29th PLMN <Empty>
29th Access Technology identifier
30th PLMN <Empty>
30th Access Technology identifier
31st PLMN <Empty>
31st Access Technology identifier
32nd PLMN <Empty>
32nd Access Technology identifier
33rd PLMN <Empty>
33rd Access Technology identifier
34th PLMN <Empty>
34th Access Technology identifier
35th PLMN <Empty>
35th Access Technology identifier
36th PLMN <Empty>
36th Access Technology identifier
37th PLMN <Empty>
37th Access Technology identifier
38th PLMN <Empty>
38th Access Technology identifier
39th PLMN <Empty>
39th Access Technology identifier
40th PLMN <Empty>
40th Access Technology identifier
41st PLMN <Empty>
41st Access Technology identifier
42nd PLMN <Empty>

42nd Access Technology identifier
 43rd PLMN <Empty>
 43rd Access Technology identifier
 44th PLMN <Empty>
 44th Access Technology identifier
 45th PLMN <Empty>
 45th Access Technology identifier
 46th PLMN <Empty>
 46th Access Technology identifier
 47th PLMN <Empty>
 47th Access Technology identifier
 48th PLMN <Empty>
 48th Access Technology identifier

→ **READ BINARY** Offset = 240

Offset 240

Length 10

← 9000 Normal Ending Of The Command

Partial file data 'FF FF FF 00 00 FF FF FF 00 00'

→ **SELECT EF_SMS** (Short messages)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 9

Record Number 9

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU 00000b

SMS Status Free space

Service Centre Address Length 255d

Service Centre Address

→ **SELECT EF_OPLMNwACT** (Operator controlled PLMN selector with Access Technology)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_OPLMNwACT (Operator controlled PLMN selector with Access Technology)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 61**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 FA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **17**

→ **READ BINARY**

Offset **0**

Length **240**

← **9000 Normal Ending Of The Command**

1st PLMN **<Empty>**
 1st Access Technology identifier
 2nd PLMN **<Empty>**
 2nd Access Technology identifier
 3rd PLMN **<Empty>**
 3rd Access Technology identifier
 4th PLMN **<Empty>**
 4th Access Technology identifier
 5th PLMN **<Empty>**
 5th Access Technology identifier
 6th PLMN **<Empty>**
 6th Access Technology identifier
 7th PLMN **<Empty>**
 7th Access Technology identifier
 8th PLMN **<Empty>**
 8th Access Technology identifier
 9th PLMN **<Empty>**
 9th Access Technology identifier
 10th PLMN **<Empty>**
 10th Access Technology identifier
 11st PLMN **<Empty>**
 11st Access Technology identifier
 12nd PLMN **<Empty>**
 12nd Access Technology identifier
 13rd PLMN **<Empty>**
 13rd Access Technology identifier
 14th PLMN **<Empty>**
 14th Access Technology identifier
 15th PLMN **<Empty>**
 15th Access Technology identifier
 16th PLMN **<Empty>**
 16th Access Technology identifier
 17th PLMN **<Empty>**
 17th Access Technology identifier
 18th PLMN **<Empty>**
 18th Access Technology identifier
 19th PLMN **<Empty>**
 19th Access Technology identifier
 20th PLMN **<Empty>**
 20th Access Technology identifier
 21st PLMN **<Empty>**
 21st Access Technology identifier
 22nd PLMN **<Empty>**
 22nd Access Technology identifier
 23rd PLMN **<Empty>**
 23rd Access Technology identifier
 24th PLMN **<Empty>**
 24th Access Technology identifier
 25th PLMN **<Empty>**
 25th Access Technology identifier
 26th PLMN **<Empty>**
 26th Access Technology identifier
 27th PLMN **<Empty>**
 27th Access Technology identifier
 28th PLMN **<Empty>**
 28th Access Technology identifier
 29th PLMN **<Empty>**
 29th Access Technology identifier
 30th PLMN **<Empty>**
 30th Access Technology identifier
 31st PLMN **<Empty>**

31st Access Technology identifier
 32nd PLMN <Empty>
 32nd Access Technology identifier
 33rd PLMN <Empty>
 33rd Access Technology identifier
 34th PLMN <Empty>
 34th Access Technology identifier
 35th PLMN <Empty>
 35th Access Technology identifier
 36th PLMN <Empty>
 36th Access Technology identifier
 37th PLMN <Empty>
 37th Access Technology identifier
 38th PLMN <Empty>
 38th Access Technology identifier
 39th PLMN <Empty>
 39th Access Technology identifier
 40th PLMN <Empty>
 40th Access Technology identifier
 41st PLMN <Empty>
 41st Access Technology identifier
 42nd PLMN <Empty>
 42nd Access Technology identifier
 43rd PLMN <Empty>
 43rd Access Technology identifier
 44th PLMN <Empty>
 44th Access Technology identifier
 45th PLMN <Empty>
 45th Access Technology identifier
 46th PLMN <Empty>
 46th Access Technology identifier
 47th PLMN <Empty>
 47th Access Technology identifier
 48th PLMN <Empty>
 48th Access Technology identifier

→ **READ BINARY** Offset = 240

Offset 240

Length 10

← 9000 Normal Ending Of The Command

Partial file data 'FF FF FF 00 00 FF FF FF 00 00'

→ **SELECT EF_SMS** (Short messages)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 10

Record Number 10

Mode Absolute/current

Length 176

```

← 9000 Normal Ending Of The Command
    SMS Status
        RFU 00000b
        SMS Status Free space
    Service Centre Address Length 255d
    Service Centre Address

→ SELECT EF_START-HFN (Initialisation values for Hyperframe number)
    Select Option Select by path from MF
    Activation session control Activation/Reset
    Response Data Return FCP Template
    Selection by AID control First or only occurrence
    File EF_START-HFN (Initialisation values for Hyperframe number)

← 611E Get Response request, 30 bytes available

→ GET RESPONSE
    Le 30

← 9000 Normal Ending Of The Command
    FCP Template, Tag = '62', Length =28
    File Descriptor, Tag = '82', Length =2
        File Descriptor Byte
            EF Structure Transparent
            File Type Working EF
            File Accessibility Shareable file
        Data Coding Byte 21
    File ID, Tag = '83', Length =2
        File ID 6F 5B
    Proprietary Information, Tag = 'A5', Length =3
        Private TLV, Tag = 'C0', Length =1
            Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
        Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
        File to reference: 6F 06
        Record: 6
    File Size, Tag = '80', Length =2
        File Size 00 06
    Short File Identifier, Tag = '88', Length =1
        Short File Identifier 15

→ READ BINARY
    Offset 0
    Length 6

← 9000 Normal Ending Of The Command
    START_CS 'OFFFFF'
    START_PS 'OFFFFF'

→ SELECT EF_SMS (Short messages)
    Select Option Select DF, EF or MF by file id
    Activation session control Activation/Reset
    Response Data Return FCP Template
    Selection by AID control First or only occurrence
    File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ GET RESPONSE
    Le 35

← 9000 Normal Ending Of The Command
    FCP Template, Tag = '62', Length =33
    File Descriptor, Tag = '82', Length =5
        File Descriptor Byte
            EF Structure Linear Fixed
            File Type Working EF
            File Accessibility Shareable file
        Data Coding Byte 21
        Record Length 176
        Number of Records 20
    File ID, Tag = '83', Length =2
        File ID 6F 3C
    Proprietary Information, Tag = 'A5', Length =6
        Private TLV, Tag = '91', Length =4
            Data 7F 10 6F 3C
    Life Cycle Status Integer, Tag = '8A', Length =1
        Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
        File to reference: 6F 06
        Record: 6
    File Size, Tag = '80', Length =2
        File Size 0D C0
    Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 11

```

```

Record Number 11
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ SELECT EF_THRESHOLD (Maximum value of START)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_THRESHOLD (Maximum value of START)
← 6119 Get Response request, 25 bytes available

→ GET RESPONSE
Le 25
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =23
File Descriptor, Tag = '82', Length =2
File Descriptor Byte
EF Structure Transparent
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
File ID, Tag = '83', Length =2
File ID 6F 5C
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 4
File Size, Tag = '80', Length =2
File Size 00 03
Short File Identifier, Tag = '88', Length =1
Short File Identifier 16

→ READ BINARY
Offset 0
Length 3
← 9000 Normal Ending Of The Command
Maximum value of START_CS or START_PS 'FFFFFF'

→ SELECT EF_SMS (Short messages)
Select Option Select DF, EF or MF by file id
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available

→ GET RESPONSE
Le 35
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =33
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 176
Number of Records 20
File ID, Tag = '83', Length =2
File ID 6F 3C
Proprietary Information, Tag = 'A5', Length =6
Private TLV, Tag = '91', Length =4
Data 7F 10 6F 3C
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 6
File Size, Tag = '80', Length =2
File Size 0D C0
Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 12
Record Number 12

```

```

Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
  SMS Status
    RFU 00000b
    SMS Status Free space
  Service Centre Address Length 255d
  Service Centre Address
→ SELECT EF_Kc (GSM Ciphering key Kc)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Kc (GSM Ciphering key Kc)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length =2
    File ID 4F 20
  Proprietary Information, Tag = 'A5', Length =3
    Private TLV, Tag = 'C0', Length =1
      Data 80
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length =2
    File Size 00 09
  Short File Identifier, Tag = '88', Length =1
    Short File Identifier 1
→ UPDATE BINARY
  Offset 0
  Ciphering key Kc 'FF FF FF FF FF FF FF FF'
  Ciphering key sequence number 7
← 9000 Normal Ending Of The Command
→ SELECT EF_Keys (Ciphering and Integrity Keys)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Keys (Ciphering and Integrity Keys)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length =2
    File ID 6F 08
  Proprietary Information, Tag = 'A5', Length =3
    Private TLV, Tag = 'C0', Length =1
      Data 80
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length =2
    File Size 00 21
  Short File Identifier, Tag = '88', Length =1
    Short File Identifier 8
→ UPDATE BINARY

```

```

Offset 0
Key set identifier KSI '07'
Ciphering key CK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
Integrity key IK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
← 9000 Normal Ending Of The Command
→ SELECT EF_KcGPRS (GPRS Ciphering key KcGPRS)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_KcGPRS (GPRS Ciphering key KcGPRS)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 4F 52
    Proprietary Information, Tag = 'A5', Length =3
      Private TLV, Tag = 'C0', Length =1
        Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 6
    File Size, Tag = '80', Length =2
      File Size 00 09
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 2
→ UPDATE BINARY
  Offset 0
  Ciphering key KcGPRS 'FF FF FF FF FF FF FF FF'
  Ciphering key sequence number n for GPRS '07'
← 9000 Normal Ending Of The Command
→ SELECT EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 6F 09
    Proprietary Information, Tag = 'A5', Length =3
      Private TLV, Tag = 'C0', Length =1
        Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 6
    File Size, Tag = '80', Length =2
      File Size 00 21
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 9
→ UPDATE BINARY
  Offset 0
  Key set identifier KSIPS '07'
  Ciphering key CKPS 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'

```

Integrity key IKPS 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'

← 9000 Normal Ending Of The Command

→ **SELECT EF_SMS** (Short messages)

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_SMS** (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID **6F 3C**

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data **7F 10 6F 3C**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 6

File Size, Tag = '80', Length =2

File Size **0D C0**

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 13

Record Number 13

Mode **Absolute/current**

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU **00000b**

SMS Status **Free space**

Service Centre Address Length 255d

Service Centre Address

→ **READ RECORD** Record = 14

Record Number 14

Mode **Absolute/current**

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU **00000b**

SMS Status **Free space**

Service Centre Address Length 255d

Service Centre Address

→ **READ RECORD** Record = 15

Record Number 15

Mode **Absolute/current**

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU **00000b**

SMS Status **Free space**

Service Centre Address Length 255d

Service Centre Address

→ **READ RECORD** Record = 16

Record Number 16

Mode **Absolute/current**

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU **00000b**

SMS Status **Free space**

Service Centre Address Length 255d

Service Centre Address

→ **READ RECORD** Record = 17

```

Record Number 17
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 18
Record Number 18
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 19
Record Number 19
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 20
Record Number 20
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ SELECT EF_NETPAR (Network Parameters)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_NETPAR (Network Parameters)
← 611D Get Response request, 29 bytes available

→ GET RESPONSE
Le 29
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =27
File Descriptor, Tag = '82', Length =2
File Descriptor Byte
EF Structure Transparent
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
File ID, Tag = '83', Length =2
File ID 6F C4
Proprietary Information, Tag = 'A5', Length =3
Private TLV, Tag = 'C0', Length =1
Data 80
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 6
File Size, Tag = '80', Length =2
File Size 00 92
Short File Identifier, Tag = '88', Length =0

→ UPDATE BINARY
Offset 0
FDD Cell Information, Tag = 'A1', Length =4
FDD Intra Frequency information, Tag = '80', Length =2
Intra Frequency carrier frequency (MHz) 2142.6
← 9000 Normal Ending Of The Command

```


→ **UPDATE BINARY EF_START-HFN** (Initialisation values for Hyperframe number)

SFI '0F'
Offset 0
START_CS '0FFFFFF'
START_PS '0FFFFFF'

← 9000 Normal Ending Of The Command

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File 7FFF - USIM

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =40
File Descriptor, Tag = '82', Length =2
File Descriptor Byte
File Type DF or ADF
File Accessibility Shareable file
Data Coding Byte 21
DF Name, Tag = '84', Length =12
DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 2F 06
Record: 7
PIN Status Template DO, Tag = 'C6', Length =12
PS_DO, Tag = '90', Length =1
PIN Appl 1 (01) Disabled
ADM1 (0A) Enabled
Second PIN Appl 1 (81) Enabled
Key Reference, Tag = '83', Length =1
Key Reference Value PIN Appl 1 (01)
Key Reference, Tag = '83', Length =1
Key Reference Value ADM1 (0A)
Key Reference, Tag = '83', Length =1
Key Reference Value Second PIN Appl 1 (81)

→ **AUTHENTICATE 3G context**

Authentication Context 3G context
Length of RAND (L1) 16
RAND 'D6 C8 6F E9 5D EF AB 19 AA 41 1B FC 06 1F 1A 19'
Length of AUTN (L2) 16
AUTN '6E FB 60 37 74 7F 80 00 81 DF 07 A2 09 74 E3 16'

← 6135 Get Response request, 53 bytes available

→ **GET RESPONSE**

Le 53

← 9000 Normal Ending Of The Command

Successful 3G authentication tag 'DB'
Length of RES (L3) 8
RES '89 5E 27 ED 4E 7C AA FD'
Length of CK (L4) 16
CK 'AE DA E6 2D AB 6D CD F6 64 8D 31 2C 53 9E B8 55'
Length of IK (L5) 16
IK '31 81 84 03 08 D5 61 9E BE 2D C2 6F 44 F4 9E 46'
Length of Kc 8
Kc '45 FB 91 6D B4 D2 8A 7B'

→ **SELECT EF_Kc** (GSM Ciphering key Kc)

Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_Kc (GSM Ciphering key Kc)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
File Descriptor, Tag = '82', Length =2
File Descriptor Byte
EF Structure Transparent
File Type Working EF
File Accessibility Shareable file

Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 4F 20
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 09
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ **UPDATE BINARY**

Offset 0
 Ciphering key Kc '45 FB 91 6D B4 D2 8A 7B'
 Ciphering key sequence number 0

← 9000 Normal Ending Of The Command

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_Keys (Ciphering and Integrity Keys)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 08
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 21
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 8

→ **UPDATE BINARY**

Offset 0
 Key set identifier KSI '00'
 Ciphering key CK 'AE DA E6 2D AB 6D CD F6 64 8D 31 2C 53 9E B8 55'
 Integrity key IK '31 81 84 03 08 D5 61 9E BE 2D C2 6F 44 F4 9E 46'

← 9000 Normal Ending Of The Command

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **AUTHENTICATE 3G context**

Authentication Context **3G context**
 Length of RAND (L1) **16**
 RAND **'24 B1 18 FC 1A 46 EE 44 AD F6 70 BD E5 6F 83 89'**
 Length of AUTN (L2) **16**
 AUTN **'F5 2F 28 0A 6C 56 80 00 FC B3 41 C0 C2 44 01 78'**

← **6135 Get Response request, 53 bytes available**

→ **GET RESPONSE**

Le **53**

← **9000 Normal Ending Of The Command**

Successful 3G authentication tag **'DB'**
 Length of RES (L3) **8**
 RES **'9A 84 16 42 98 18 76 CB'**
 Length of CK (L4) **16**
 CK **'13 78 CF 3B 11 15 3E 30 69 D2 25 DA 02 87 14 55'**
 Length of IK (L5) **16**
 IK **'69 DD 3E 04 E6 62 83 61 CE 34 E0 2B 96 DF 27 99'**
 Length of Kc **8**
 Kc **'DD 43 34 CE 63 2F 8E 9D'**

→ **SELECT EF_KcGPRS (GPRS Ciphering key KcGPRS)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_KcGPRS (GPRS Ciphering key KcGPRS)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **4F 52**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **2**

→ **UPDATE BINARY**

Offset **0**
 Ciphering key KcGPRS **'DD 43 34 CE 63 2F 8E 9D'**
 Ciphering key sequence number n for GPRS **'01'**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)**

← 611E Get Response request, 30 bytes available

→ GET RESPONSE

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 09

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 21

Short File Identifier, Tag = '88', Length =1

Short File Identifier 9

→ UPDATE BINARY

Offset 0

Key set identifier KSIPS '01'

Ciphering key CKPS '13 78 CF 3B 11 15 3E 30 69 D2 25 DA 02 87 14 55'

Integrity key IKPS '69 DD 3E 04 E6 62 83 61 CE 34 E0 2B 96 DF 27 99'

← 9000 Normal Ending Of The Command

→ UPDATE BINARY EF_PSLOCI (Packet Switched location information)

SFI '0C'

Offset 0

P-TMSI 'FA 53 FE 06'

P-TMSI signature value '17 E4 60'

LAI (Location Area Information)

MCC & MNC EMT GSM (Estonia)

LAC '00 08'

RAC '51'

Routing Area update status updated

← 9000 Normal Ending Of The Command

→ ENVELOPE Event Download

Event Download, Tag = 'D6', Length =21

Event List, Tag = '19', Length =1

Event List Item Location status event

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Location Status, Tag = '9B', Length =1

Location Status Normal service

Location information, Tag = '93', Length =9

MCC and MNC EMT GSM (Estonia)

Location Area Code/Tracking Area Code (LAC/TAC) 00 08

Cell identity value A5 2B

Extended cell identity value 00 07

← 9000 Normal Ending Of The Command

→ UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)

SFI '0F'

Offset 0

START_CS '000002'

START_PS '000002'

← 9000 Normal Ending Of The Command

→ SELECT EF_UST (USIM Service Table)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_UST (USIM Service Table)

← 6119 Get Response request, 25 bytes available

→ GET RESPONSE

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 38**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 0C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **4**

→ **READ BINARY**

Offset **0**
 Length **12**

← **9000 Normal Ending Of The Command**

Service 1: Local Phone Book **service not available**
 Service 2: Fixed Dialling Numbers **service available**
 Service 3: Extension 2 **service not available**
 Service 4: Service Dialling Numbers **service not available**
 Service 5: Extension3 **service not available**
 Service 6: Barred Dialling Numbers **service not available**
 Service 7: Extension4 **service not available**
 Service 8: Outgoing Call Information **service available**
 Service 9: Incoming Call Information **service available**
 Service 10: Short Message Storage **service available**
 Service 11: Short Message Status Reports **service available**
 Service 12: Short Message Service Parameters **service available**
 Service 13: Advice of Charge **service not available**
 Service 14: Capability Configuration Parameters 2 (CCP2) **service available**
 Service 15: Cell Broadcast Message Identifier **service not available**
 Service 16: Cell Broadcast Message Identifier Ranges **service not available**
 Service 17: Group Identifier Level 1 **service available**
 Service 18: Group Identifier Level 2 **service not available**
 Service 19: Service Provider Name **service available**
 Service 20: User controlled PLMN selector with Access Technology **service available**
 Service 21: MSISDN **service available**
 Service 22: Image **service not available**
 Service 23: Support of Localised Service Areas (SoLSA) **service not available**
 Service 24: Enhanced Multi-Level Precedence and Pre-emption Service **service not available**
 Service 25: Automatic Answer for eMLPP **service not available**
 Service 26: RFU **service not available**
 Service 27: GSM Access **service available**
 Service 28: Data download via SMS-PP **service available**
 Service 29: Data download via SMS-CB **service not available**
 Service 30: Call Control by USIM **service not available**
 Service 31: MO-SMS Control by USIM **service not available**
 Service 32: RUN AT COMMAND command **service not available**
 Service 33: Should be available (previously Packet Switched Domain) **service available**
 Service 34: Enabled Services Table **service available**
 Service 35: APN Control List **service available**
 Service 36: Depersonalisation Control Keys **service not available**
 Service 37: Co-operative Network List **service not available**
 Service 38: GSM security context **service available**
 Service 39: CPBCCCH Information **service available**
 Service 40: Investigation Scan **service not available**
 Service 41: MExE **service not available**
 Service 42: Operator controlled PLMN selector with Access Technology **service available**
 Service 43: HPLMN selector with Access Technology **service available**
 Service 44: Extension 5 **service not available**
 Service 45: PLMN Network Name **service not available**
 Service 46: Operator PLMN List **service not available**
 Service 47: Mailbox Dialling Numbers **service not available**
 Service 48: Message Waiting Indication Status **service not available**
 Service 49: Call Forwarding Indication Status **service not available**
 Service 50: Reserved and shall be ignored. **service not available**
 Service 51: Service Provider Display Information **service not available**
 Service 52: Multimedia Messaging Service (MMS) **service available**
 Service 53: Extension 8 **service available**
 Service 54: Call control on GPRS by USIM **service not available**
 Service 55: MMS User Connectivity Parameters **service available**
 Service 56: Network's indication of alerting in the MS (NIA) **service not available**
 Service 57: VGCS Group Identifier List (EFGVCS and EFGVCS) **service not available**

Service 58: VBS Group Identifier List (EFVBS and EFVBSS) **service not available**
 Service 59: Pseudonym **service not available**
 Service 60: User Controlled PLMN selector for I-WLAN access **service not available**
 Service 61: Operator Controlled PLMN selector for I-WLAN access **service not available**
 Service 62: User controlled WSID list **service not available**
 Service 63: Operator controlled WSID list **service not available**
 Service 64: VGCS security **service not available**
 Service 65: VBS security **service not available**
 Service 66: WLAN Reauthentication Identity **service not available**
 Service 67: Multimedia Messages Storage **service not available**
 Service 68: Generic Bootstrapping Architecture (GBA) **service not available**
 Service 69: MBMS security **service not available**
 Service 70: Data download via USSD and USSD application mode **service not available**
 Service 71: Equivalent HPLMN **service not available**
 Service 72: Additional TERMINAL PROFILE after UICC activation **service not available**
 Service 73: Equivalent HPLMN Presentation Indication **service not available**
 Service 74: Last RPLMN Selection Indication **service not available**
 Service 75: OMA BCAST Smart Card Profile **service not available**
 Service 76: GBA-based Local Key Establishment Mechanism **service not available**
 Service 77: Terminal Applications **service not available**
 Service 78: Service Provider Name Icon **service not available**
 Service 79: PLMN Network Name Icon **service not available**
 Service 80: Connectivity Parameters for USIM IP connections **service not available**
 Service 81: Home I-WLAN Specific Identifier List **service not available**
 Service 82: I-WLAN Equivalent HPLMN Presentation Indication **service not available**
 Service 83: I-WLAN HPLMN Priority Indication **service not available**
 Service 84: I-WLAN Last Registered PLMN **service not available**
 Service 85: EPS Mobility Management Information **service not available**
 Service 86: Allowed CSG Lists and corresponding indications **service not available**
 Service 87: Call control on EPS PDN connection by USIM **service not available**
 Service 88: HPLMN Direct Access **service not available**
 Service 89: eCall Data **service not available**
 Service 90: Operator CSG Lists and corresponding indications **service not available**
 Service 91: Support for SM-over-IP **service not available**
 Service 92: Support of CSG Display Control **service not available**
 Service 93: Communication Control for IMS by USIM **service not available**
 Service 94: Extended Terminal Applications **service not available**
 Service 95: Support of UICC access to IMS **service not available**
 Service 96: Non-Access Stratum configuration by USIM **service not available**

→ **STATUS**

Indication **No indication**

Response data **No data returned**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_ICCID (ICC Identification)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_ICCID (ICC Identification)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **2F E2**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 0A**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **2**

→ **READ BINARY**

Offset **0**

Length **10**

← **9000 Normal Ending Of The Command**

identification number **8944500805172031765**

→ **SELECT EF_START-HFN** (Initialisation values for Hyperframe number)

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_START-HFN** (Initialisation values for Hyperframe number)

← **611E** Get Response request, 30 bytes available

→ **GET RESPONSE**

Le **30**

← **9000** Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 5B**

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data **80**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 06**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **15**

→ **UPDATE BINARY**

Offset **0**

START_CS **'0FFFFFF'**

START_PS **'0FFFFFF'**

← **9000** Normal Ending Of The Command

→ **SELECT 7FFF - USIM**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **7FFF - USIM**

← **612A** Get Response request, 42 bytes available

→ **GET RESPONSE**

Le **42**

← **9000** Normal Ending Of The Command

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

DF Name, Tag = '84', Length =12

DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Key Reference, Tag = '83', Length =1

Key Reference Value **Second PIN Appl 1 (81)**

→ **AUTHENTICATE 3G context**

Authentication Context **3G context**

Length of RAND (L1) **16**

RAND **'42 B5 A5 8D 29 F0 7E B3 F5 CF F1 80 CD B1 81 F9'**

Length of AUTN (L2) **16**

AUTN **'2C 1B F9 FD E7 24 80 00 77 C0 8E 9E 2E A6 E0 E5'**

← 6135 Get Response request, 53 bytes available

→ GET RESPONSE

Le 53

← 9000 Normal Ending Of The Command

Successful 3G authentication tag 'DB'

Length of RES (L3) 8

RES 'A1 DF FF C9 C1 1C B4 0C'

Length of CK (L4) 16

CK 'A3 45 4B F2 1A 70 C4 BF AE B4 AE 3B 44 D8 33 AF'

Length of IK (L5) 16

IK '0E AA BB AB 02 4B 9C 4C C9 69 60 B7 94 6A 37 67'

Length of Kc 8

Kc 'CA 32 3E D5 C8 89 5C 3B'

→ ENVELOPE SMS-PP data download

SMS-PP data download, Tag = 'D1', Length =63

Device identities, Tag = '82', Length =2

Source device identity Network

Destination device identity UICC

Address, Tag = '06', Length =7

Type of address field

MSB 1

Type of Number International

Numbering plan ID ISDN/Telephone

Dialling number string 447797704094

SMS TPDU, Tag = '8B', Length =48

SMS TPDU

First Octet

TP Message Type Indicator SMS DELIVER

TP More Messages To Send No more messages are waiting for the MS in this SC

TP Loop Prevention The message has not been forwarded and is not a spawned message

RFU 0b

TP Status Report Indication A status report shall not be returned to the SME

TP User Data Header Indication The beginning of the TP UD field contains a Header in addition to the short message

TP Reply Path TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER

TP Originating Address

Address Length 12

Type of Address

Numbering plan identification ISDN/telephone numbering plan

Type of number International number

Address Value 447937405211

TP Protocol Identifier (U)SIM Data download

TP Data Coding Scheme

Data coding/message class

Message Coding 8 bit data

Message Class Class 2 (U)SIM specific message

TS Service Centre Time Stamp Year: 19, Month: 05, Day: 14, Hour: 07, Minute: 52, Second: 30, Time Zone: +60minutes

TP User Data Length 29

TP User Data Header

Length of User Data Header 2

Information-Element-Identifier (U)SIM Toolkit Security Headers

Length of Information-Element 0

TP User Data (Secured Command Packet)

Command Packet Length 24

Command Header Length 21

SPI '16 39'

Integrity Level Cryptographic Checksum

Ciphering Yes

Counter Mode Process if and only if counter value is higher than the value in the RE

PoR Mode PoR required to be sent to the SE

PoR Integrity Level Cryptographic Checksum

PoR Ciphering Yes

PoR SMS Delivery Type PoR response shall be sent using SMS-SUBMIT

Klc '12'

Algorithm AES in CBC mode

Key Indication 1

KID '12'

Algorithm AES in CMAC mode

Key Indication 1

TAR '00 00 01' (Allocated by the 1st level application issuer)

Ciphered Data '5A 8A 03 B4 AB 71 29 DF 3A E6 50 9F D5 1E 3B 11'

← 914D Normal Ending Of The Command, Proactive Command waiting, 77 bytes

→ FETCH

← 9000 Normal Ending Of The Command Send Short Message

Send Short Message, Tag = 'D0', Length =75

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Short Message

Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Network**
 Address, Tag = '06', Length =7
 Type of address field
 MSB **1**
 Type of Number **International**
 Numbering plan ID **ISDN/Telephone**
 Dialling number string **447797704000**
 SMS TPDU, Tag = '8B', Length =55
 SMS TPDU
 First Octet
 TP Message Type Indicator **SMS SUBMIT**
 TP Reject Duplicates **Accept**
 TP Validity Period Format **TP VP field present - relative format**
 TP Status Report Request **A status report is not requested**
 TP User Data Header Indication **The beginning of the TP UD field contains a Header in addition to the short message**
 TP Reply Path **TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER**
 TP Message Reference **'00'**
 TP Destination Address
 Address Length **12**
 Type of Address
 Numbering plan identification **ISDN/telephone numbering plan**
 Type of number **International number**
 Address Value **447937405211**
 TP Protocol Identifier **'00'**
 TP Data Coding Scheme
 Data coding/message class
 Message Coding **8 bit data**
 Message Class **Class 2 (U)SIM specific message**
 TP Validity Period **20 minutes**
 TP User Data Length **41**
 TP User Data Header
 Length of User Data Header **2**
 Information-Element-Identifier **(U)SIM Toolkit Security Headers**
 Length of Information-Element **0**
 TP User Data (Secured Response Packet)
 Response Packet Length (RPL) **36**
 Response Header Length (RHL) **18**
 TAR **'00 00 01' (Allocated by the 1st level application issuer)**
 Ciphered Data

'BD 4A 1A 73 32 C6 A0 FA 4C 64 62 DB 58 95 29 7C 2C ED 5E D2 56 3D F3 BB D3 A3 1E EF 54 2B 4B 3E'

→ **SELECT EF_Kc (GSM Ciphering key Kc)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Kc (GSM Ciphering key Kc)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

 Le **30**

← **9000 Normal Ending Of The Command**

 FCP Template, Tag = '62', Length =28

 File Descriptor, Tag = '82', Length =2

 File Descriptor Byte

 EF Structure **Transparent**

 File Type **Working EF**

 File Accessibility **Shareable file**

 Data Coding Byte **21**

 File ID, Tag = '83', Length =2

 File ID **4F 20**

 Proprietary Information, Tag = 'A5', Length =3

 Private TLV, Tag = 'C0', Length =1

 Data **80**

 Life Cycle Status Integer, Tag = '8A', Length =1

 Life Cycle Status Integer **Operational state - activated**

 Referenced Security Attributes, Tag = '8B', Length =3

 File to reference: **6F 06**

 Record: **6**

 File Size, Tag = '80', Length =2

 File Size **00 09**

 Short File Identifier, Tag = '88', Length =1

 Short File Identifier **1**

→ **UPDATE BINARY**

```

Offset 0
Ciphering key Kc 'CA 32 3E D5 C8 89 5C 3B'
Ciphering key sequence number 1
← 9000 Normal Ending Of The Command
→ SELECT EF_Keys (Ciphering and Integrity Keys)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Keys (Ciphering and Integrity Keys)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length =2
    File ID 6F 08
  Proprietary Information, Tag = 'A5', Length =3
    Private TLV, Tag = 'C0', Length =1
      Data 80
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length =2
    File Size 00 21
  Short File Identifier, Tag = '88', Length =1
    Short File Identifier 8
→ UPDATE BINARY
  Offset 0
  Key set identifier KSI '01'
  Ciphering key CK 'A3 45 4B F2 1A 70 C4 BF AE B4 AE 3B 44 D8 33 AF'
  Integrity key IK '0E AA BB AB 02 4B 9C 4C C9 69 60 B7 94 6A 37 67'
← 9000 Normal Ending Of The Command
→ UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)
  SFI '0F'
  Offset 0
  START_CS '000002'
  START_PS '000002'
← 9000 Normal Ending Of The Command
→ SELECT EF_SMSS (SMS status)
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_SMSS (SMS status)
← 6120 Get Response request, 32 bytes available
→ GET RESPONSE
  Le 32
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =30
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length =2
    File ID 6F 43
  Proprietary Information, Tag = 'A5', Length =6
    Private TLV, Tag = '91', Length =4
      Data 7F 10 6F 43
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length =2

```

File Size **00 02**
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset **0**
 Length **2**

← **9000 Normal Ending Of The Command**

Last Used TP-MR **'23'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

→ **UPDATE BINARY**

Offset **0**
 Last Used TP-MR **'24'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

← **9000 Normal Ending Of The Command**→ **UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)**

SFI **'0F'**
 Offset **0**
 START_CS **'0FFFFFF'**
 START_PS **'0FFFFFF'**

← **9000 Normal Ending Of The Command**→ **SELECT 7FFF - USIM**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**→ **GET RESPONSE**

Le **42**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **AUTHENTICATE 3G context**

Authentication Context **3G context**
 Length of RAND (L1) **16**
 RAND **'71 01 81 8B 9C FE 87 98 9F 79 2F CA DE CC 69 DE'**
 Length of AUTN (L2) **16**
 AUTN **'2C 75 29 F0 56 7B 80 00 E9 61 F1 F5 A1 39 AA 45'**

← **6135 Get Response request, 53 bytes available**→ **GET RESPONSE**

Le **53**

← **9000 Normal Ending Of The Command**

Successful 3G authentication tag **'DB'**
 Length of RES (L3) **8**
 RES **'7F 16 1E 74 26 0F D5 5F'**
 Length of CK (L4) **16**
 CK **'BB 61 24 24 FC 83 EE 70 4B 2D B0 F6 B0 38 3E B6'**
 Length of IK (L5) **16**
 IK **'8E 45 5A 5A 88 3D 89 25 3F 0F AC 1A 8E 21 47 4B'**
 Length of Kc **8**
 Kc **'41 06 62 92 4A A7 1E A8'**

→ **TERMINAL RESPONSE Command performed successfully**

Terminal response
 Command details, Tag = '81', Length =3

```

Command number 1
Type of command Send Short Message
Command qualifier
  SMS Packing packing not required
  RFU 0 0 0 0 0 0
Device identities, Tag = '82', Length =2
  Source device identity ME
  Destination device identity UICC
Result, Tag = '83', Length =1
  General result Command performed successfully
← 9128 Normal Ending Of The Command, Proactive Command waiting, 40 bytes
→ FETCH
← 9000 Normal Ending Of The Command Open Default (network) Bearer Channel
  Open Default (network) Bearer Channel, Tag = 'D0', Length =38
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Open Channel
      Command qualifier
        Link Establishment Immediate
        Reconnection Automatic
        Background Mode no background mode
        DNS server address(es) no DNS server address(es) requested
        RFU 0 0 0 0
      Device identities, Tag = '82', Length =2
        Source device identity UICC
        Destination device identity ME
      Alpha identifier, Tag = '85', Length =0
      Bearer Description, Tag = '35', Length =1
        Bearer Type Default bearer
      Buffer Size, Tag = 'B9', Length =2
        Buffer Size 1422
      Network Access Name, Tag = '47', Length =6
        Network Access Name JTM2M
      UICC/ME interface transport level, Tag = 'BC', Length =3
        Transport Protocol Type TCP, UICC in client mode, remote connection
        Port Number 11507d
      Other Address, Tag = 'BE', Length =5
        Address Type IPv4 Address
        Address Info 194.41.3.207
→ SELECT EF_Kc (GSM Ciphering key Kc)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Kc (GSM Ciphering key Kc)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 4F 20
    Proprietary Information, Tag = 'A5', Length =3
      Private TLV, Tag = 'C0', Length =1
        Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 6F 06
      Record: 6
    File Size, Tag = '80', Length =2
      File Size 00 09
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 1
→ UPDATE BINARY
  Offset 0
  Ciphering key Kc '41 06 62 92 4A A7 1E A8'
  Ciphering key sequence number 2
← 9000 Normal Ending Of The Command
→ SELECT EF_Keys (Ciphering and Integrity Keys)

```

Select Option [Select by path from MF](#)
 Activation session control [Activation/Reset](#)
 Response Data [Return FCP Template](#)
 Selection by AID control [First or only occurrence](#)
 File [EF_Keys \(Cipherring and Integrity Keys\)](#)

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le 30

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 08**

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data **80**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 21**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **8**

→ **UPDATE BINARY**

Offset **0**

Key set identifier KSI **'02'**

Cipherring key CK **'BB 61 24 24 FC 83 EE 70 4B 2D B0 F6 B0 38 3E B6'**

Integrity key IK **'8E 45 5A 5A 88 3D 89 25 3F 0F AC 1A 8E 21 47 4B'**

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)**

SFI **'0F'**

Offset **0**

START_CS **'000002'**

START_PS **'000002'**

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY**

Offset **0**

START_CS **'0FFFFFF'**

START_PS **'0FFFFFF'**

← **9000 Normal Ending Of The Command**

→ **STATUS**

Indication **No indication**

Response data **Response parameter and data identical to SELECT command**

← **6C2A Resend request, 42 bytes required**

→ **STATUS**

Indication **No indication**

Response data **Response parameter and data identical to SELECT command**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

DF Name, Tag = '84', Length =12

DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Open Channel**
 Command qualifier
 Link Establishment **Immediate**
 Reconnection **Automatic**
 Background Mode **no background mode**
 DNS server address(es) **no DNS server address(es) requested**
 RFU **0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Status, Tag = '38', Length =2
 Byte 3
 Channel Identifier **1**
 RFU **0 0 0**
 Status **Link established or Packet data service activated (or) TCP in ESTABLISHED state**
 Further Info **No further info can be given**
 Bearer Description, Tag = '35', Length =1
 Bearer Type **Default bearer**
 Buffer Size, Tag = 'B9', Length =2
 Buffer Size **1422**

← **9146 Normal Ending Of The Command**, Proactive Command waiting, 70 bytes

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =68
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =57
 Channel Data

**16 03 03 00 34 01 00 00 30 03 03 C3 A3 F1 B1 92 B1 A8 0B 7C 09 06 D1 B6 2A A3 C0 C9 F5 C1 81 EE 3C C0 8C A0 35 45 C1 32 2C DA
 F5 00 00 02 00 AE 01 00 00 05 00 01 00 01 01**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **9000 Normal Ending Of The Command**

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item **Data Available event**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Channel Status, Tag = 'B8', Length =2
 Byte 3
 Channel Identifier **1**
 RFU **0 0 0**
 Status **Link established or Packet data service activated (or) TCP in ESTABLISHED state**
 Further Info **No further info can be given**

Byte 3

Channel Identifier 1

RFU 0 0 0

Status Link established or Packet data service activated (or) TCP in ESTABLISHED state

Further Info No further info can be given

Channel Data Length, Tag = 'B7', Length =1

Channel Data Length 91

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 91

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =91

Channel Data

14 03 03 00 01 01 16 03 03 00 50 D8 A3 5C BE 13 30 32 55 1F C1 B7 4E A1 F5 07 26 8F 37 90 4F CF B9 16 B5 6F B9 CD FF 0C 88 1D
68 BD 71 32 40 C7 2D EA 9B 75 B0 83 65 80 4B 7C 79 19 73 44 C0 C7 17 AD 4A C3 03 8F A3 A6 19 6A 20 82 8B 5D 3C 35 19 D5 02 F4
ED 7E A2 D5 22 65 CE

Channel Data Length, Tag = '37', Length =1

Channel Data Length 0

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 01 10 B5 32 C0 BA CC 28 36 CD 79 D4 C8 49 AA AB 2C F3 FF 3F 7C 34 BF 82 F2 9D F8 A2 13 F4 A2 F7 71 0C A3 A1 A6 5A E8
DF 3D A2 62 49 D3 78 7A 4F 3E 1A 4F 39 74 80 DF 3F 2D 43 04 14 D3 C2 48 C9 9D 09 25 01 35 E1 32 CB 74 AC B9 36 52 BD 1A A9 E8
73 90 45 50 79 01 5D 1D 33 86 A1 45 D6 75 43 9C A4 3E 6E 3E 5C C4 34 19 98 36 D7 12 5E C9 A4 62 79 FF B3 F0 EB 70 34 1C A0 2A
25 1D 54 26 D2 39 D1 B7 01 68 93 20 B0 25 6B 3B D3 11 79 7B 2C 32 3E 2C DA 3E 01 08 CC 3F F0 87 C2 9B DE BE CE 31 BE B2 0E BB
4B E2 E4 AD D5 CB 94 2B 51 6F 98 8F C7 4A 1C D8 80 33 9B 30 62 FC 0F 7C 9C C8 BF CE 43 30 22 EF E3 83 91 B3 BA 1E F1 28 4A 34
C4 21 CD FC AD 47 ED 6B FA 0F 37 CE 57 2C 9D 3E A7 32 BD 22 42 37 B9 94 3A 26 B5

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9135 Normal Ending Of The Command, Proactive Command waiting, 53 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =51
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =40
 Channel Data

A6 61 A5 93 14 1D 8E 05 E0 EE 78 0F BF 7C F6 2D 42 CE 24 47 32 C3 79 B3 6A 27 22 05 0D E8 3A 9B 59 93 22 39 DC D6 37 5A

→ TERMINAL RESPONSE Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9000 Normal Ending Of The Command

→ ENVELOPE Event Download

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item Data Available event
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Channel Status, Tag = 'B8', Length =2
 Byte 3
 Channel Identifier 1
 RFU 0 0 0
 Status Link established or Packet data service activated (or) TCP in ESTABLISHED state
 Further Info No further info can be given
 Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ FETCH

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ TERMINAL RESPONSE Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 02 40 D4 98 13 23 79 AC E8 70 40 F2 11 AF EC 6E 2E 1E FB 74 C6 90 00 17 7E AF 33 8A C3 92 53 6D 19 4D 99 F2 18 32 FD
 99 F3 9F 13 6F 19 35 C0 C6 84 2F 5E CC 0C 2E 79 A9 A9 80 63 60 BF 5C 52 29 B8 1E 61 75 32 31 DD 21 EB 8C A1 E9 7F 08 E0 0E 06
 C1 A9 59 5B 07 D6 F0 85 53 31 D1 CE 4F 47 5E E1 B2 5B 65 31 95 53 8F 8A 6C 97 65 FB AE DE 28 C0 40 76 1A 47 46 89 D9 CB E6 D6
 90 D1 15 ED 45 9F 9D 84 B7 A4 45 DA 49 56 EF 40 C7 14 FD BA 3E 66 1E B3 0B 76 28 B7 59 C9 F7 12 62 52 04 90 3B 4F B1 37 C7 89

51 4A B0 B0 E9 56 2F 96 23 C6 F9 B4 37 5B 74 6C 72 41 54 96 62 86 99 57 4D 37 A7 BA B4 70 44 0B F1 88 2E 8A AF 86 53 B6 AC 7D
F2 D9 AD BB 72 3D 13 4A 9B D6 C8 6F 07 6D 1B B9 F2 8F 96 78 51 47 77 9B 91 EB FB

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

84 6B 72 FA 2A 1D 7A 4B 32 03 2E 08 42 DF D1 8D C3 3B CF 2B 56 22 FA 9D 59 21 D4 5C BE 49 7A 8C 95 96 05 57 A4 D5 72 77 8F 89
F1 C2 6A 6F 73 AC 87 FE AA 92 1D AB 9E 97 6B A2 87 50 71 AF BA 6A 83 18 2B FA 84 32 C3 88 DA 98 85 E8 30 66 1F 89 E3 62 F2 C5
17 E8 2D 0C 0F F8 44 85 76 F9 C1 7C BD 70 42 BF AD 45 9E 7E 2E 73 12 CC 13 8B D2 CF D5 AD 0B 5A A5 EF 48 13 F1 75 0D D1 E3 3D
EA 4A 6C 51 11 2E AE D4 C6 1D 49 A4 4A AB B4 45 61 6F AD 7A A2 97 DF E9 2E 45 70 93 3E C4 57 9D 47 AA 76 22 B1 A9 11 68 38 B3
1B 05 FC 78 AE 83 D4 4B 77 F8 9F 7D C6 52 10 4A D6 6A 97 E8 7C 69 17 3F 7B D6 EE 19 D5 2D 2A DD 6E 97 C2 E2 D0 EA 15 8F FC F8
91 35 1D E2 10 0B 47 4F B6 9E 26 81 95 A0 44 66 13 AE B8 DC 4E 10 71 93 E9 2B BA

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 107

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =107

Channel Data

7C 60 56 FD 42 0B 1A B9 56 54 03 0F 20 6D ED C1 1D 60 3A 4B D0 03 61 64 3C 2B 80 FD 67 F7 59 9D CD 47 DE DB 95 28 F2 F6 69 2D
70 6C FE 7F C6 DB E5 BD D7 83 5C 04 E2 BF 4B 19 EB 18 5F 1E 6A 8D 8A BE 5B 8F 95 17 BB CD AC 5E F0 16 5F 8E 19 84 4D 3E 1C 19
E8 2D 3A 85 39 D0 5C E8 D5 BC 9A 18 F3 F8 D8 B4 BE B4 75 76 54 33 7A

Channel Data Length, Tag = '37', Length =1

Channel Data Length 170

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 01 C0 B3 B5 75 BE D8 47 17 C4 8C 72 0E 9C BE E6 5A 10 B3 15 FD 22 83 48 55 20 E3 1A 20 CC 78 99 50 D9 2D F1 10 0C E1
 D5 52 AC 29 DF CB A7 B4 8A 69 65 3A F8 A5 57 E7 EF F1 23 FD D2 16 44 A7 61 DF E2 DA 1F FE A3 54 B0 2B 9A 2B 56 C0 AB 7D 2E 5A
 F4 9A 32 3E B4 81 C4 40 55 51 B6 97 8A 99 69 4A 1A 97 48 22 4F 45 DC 16 E5 34 DB AD 0D 6E 44 E0 C8 22 95 97 B5 A0 96 01 65 EE
 74 65 7C DC 81 02 1F 79 F8 49 88 E3 54 F7 C8 5D CF F2 05 D0 75 30 4A 5F D3 CF 3C 35 DD 3E DA 22 83 E2 27 52 A5 07 83 B2 09 4B
 81 D8 92 94 58 CE D1 03 59 25 A0 30 A1 AB EB 86 E0 7C 6F C6 D7 C1 DB 34 A8 DC DA 63 71 48 F0 CD 65 2F 35 59 AD CE E3 FC B5 43
 12 FD 61 D5 F5 F6 12 00 92 D6 9B A1 06 6D 59 18 65 43 60 17 56 AA C1 BA F6 BB F1

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **91E7 Normal Ending Of The Command, Proactive Command waiting, 231 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =228
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =216
 Channel Data

E7 6A 71 3F CC 18 33 D1 CD 86 25 FB C5 C7 1D E3 77 C9 5A 1B 48 C4 5D A8 68 D5 B5 F2 EA 2E 6A 5C 3B BE B5 BF 7C 49 A7 83 BC 18
 B7 F9 7A BA 6F 6F BC 11 86 14 B4 84 88 B4 01 18 72 F6 CA DF 0B CD 27 5B 14 3B 87 3A 01 E3 AD 65 81 F7 57 A4 58 34 6E 56 92 5D
 85 AE 5B 7A 6B 43 97 75 3D 3B 40 F4 E2 C5 14 05 46 CA 9D 93 F9 47 8A F9 37 13 92 17 98 A1 D1 52 E1 F2 97 55 09 EB DC 81 40 03
 53 AE ED DB C5 45 48 DA 0A DF 19 0C FA 1E 59 91 B9 FB B3 99 8F B7 9E 1E 41 E9 6B 28 D0 D4 A4 58 ED ED 2B DF 9C 69 FC DC 04 3C
 A0 33 8F D1 37 D4 F6 97 81 97 70 DD 0B 52 92 E8 85 E9 4E C8 BC C2 CF 8A CE 35 BC 64 01 8F DB 55 20 AB 6C E6 EC 71 DF 34 FA 9E
 D2 84 5B AB 57 71

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2

Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 98 19 F4 CE 95 4A B7 5B BC 31 9B 9C 54 26 D9 3B 37 AB 4C E1 BC 40 E9 88 31 36 B5 56 E3 47 9C 24 68 48 3B 79 40
 2F 33 F3 4F C2 1A DE E3 A6 82 51 FF 7C 02 22 A2 F6 8B 31 95 16 BA A2 A2 BB 95 14

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**

Device identities, Tag = '82', Length =2

Source device identity **ME**
 Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data Length, Tag = '37', Length =1

Channel Data Length **255**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **UICC**
 Destination device identity **Channel 1**

Channel Data Length, Tag = '37', Length =1

Channel Data Length **170**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **ME**
 Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data, Tag = '36', Length =170

Channel Data

17 03 03 00 60 10 EC BA D6 DE 70 32 5F 43 AE 08 DD EA 70 C1 F4 2E EE DA 40 0F D9 30 19 79 DB 9F EA 77 DA 77 DE 21 A4 5E 4A 68
 4B 30 AB 16 75 33 5B F6 FF 6B AF C4 2A 35 FD 30 F9 06 A8 85 67 46 B5 64 05 D5 56 B2 21 20 B8 2D 87 F4 4D 7B 6A D5 CD 57 AF 4C
 AA 95 0A 47 B7 D5 CE 5B 75 D9 C4 DD C2 AF 7E 11 88 17 03 03 00 40 65 25 D4 F3 D0 AC 4B DD 56 F2 41 E1 E0 50 D2 1D 24 CA 61 FF
 44 88 05 29 2D 0C E2 BB C6 B8 58 05 8D 5F ED D3 D1 3E 48 79 B4 62 61 8C D8 34 FB 27 AE 58 59 D9 90 6C 99 82 B3 77 B5 5E A8 BF
 CC 72

Channel Data Length, Tag = '37', Length =1

Channel Data Length **0**

← **9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**

Device identities, Tag = '82', Length =2

Source device identity **UICC**
 Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 CA BA E0 C5 FA F0 00 AC 9C 4E F0 17 E3 FC 3C 0B 8E CA 9A FA 92 4C 6B 3E 4D D1 D0 A4 60 35 D5 D4 B1 B2 43 07 98
 95 BB F8 77 16 21 51 27 09 1E 54 71 61 2D F2 2D D8 2D D6 BB 9B 8F 68 FD AE DC 78

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number **1**
 Type of command **Send Data**

```

Command qualifier
  Send Options Send data immediately
  RFU 0 0 0 0 0 0
Device identities, Tag = '82', Length =2
  Source device identity ME
  Destination device identity UICC
Result, Tag = '83', Length =1
  General result Command performed successfully
Channel Data Length, Tag = '37', Length =1
  Channel Data Length 255
← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes
→ FETCH
← 9000 Normal Ending Of The Command Send Data
  Send Data, Tag = 'D0', Length =80
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Send Data
      Command qualifier
        Send Options Send data immediately
        RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
      Source device identity UICC
      Destination device identity Channel 1
    Channel Data, Tag = '36', Length =69
      Channel Data
17 03 03 00 40 00 0C 19 C0 E8 9D D8 9C AC B5 AB 2C CB 12 B9 74 D1 90 C2 4F DB 39 13 6F 41 9C 06 9D AA CD A1 4A 5D 15 B1 7D F0
3C 0E 07 3C 31 D6 B8 EC A1 C2 71 EB 6F 7C 40 D4 62 AD 20 80 01 28 03 00 3E CF 8C
→ TERMINAL RESPONSE Command performed successfully
  Terminal response
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Send Data
      Command qualifier
        Send Options Send data immediately
        RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
      Source device identity ME
      Destination device identity UICC
    Result, Tag = '83', Length =1
      General result Command performed successfully
    Channel Data Length, Tag = '37', Length =1
      Channel Data Length 255
← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes
→ FETCH
← 9000 Normal Ending Of The Command Send Data
  Send Data, Tag = 'D0', Length =80
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Send Data
      Command qualifier
        Send Options Send data immediately
        RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
      Source device identity UICC
      Destination device identity Channel 1
    Channel Data, Tag = '36', Length =69
      Channel Data
17 03 03 00 40 C5 26 8B 48 22 30 29 30 14 3B 93 D7 A7 C8 BC 00 D8 43 52 2C DF D3 31 08 4C 6C 06 A0 3E D3 F8 64 36 98 50 7F E5
0A 35 D1 4D 38 94 FD 2B B7 68 70 72 32 93 E5 0F 3A 88 B9 72 0D 89 38 29 DB 88 09
→ TERMINAL RESPONSE Command performed successfully
  Terminal response
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Send Data
      Command qualifier
        Send Options Send data immediately
        RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
      Source device identity ME
      Destination device identity UICC
    Result, Tag = '83', Length =1
      General result Command performed successfully
    Channel Data Length, Tag = '37', Length =1
      Channel Data Length 255
← 9000 Normal Ending Of The Command
→ ENVELOPE Event Download

```

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item Data Available event
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Channel Status, Tag = 'B8', Length =2
 Byte 3
 Channel Identifier 1
 RFU 0 0 0
 Status Link established or Packet data service activated (or) TCP in ESTABLISHED state
 Further Info No further info can be given
 Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 02 00 58 A1 71 77 04 DE CB 3E F8 1F 58 D1 D4 B8 03 67 3E 2E F7 DE 94 4D F4 75 05 37 06 99 6F 3E BC 1F 13 85 1D D8 E8
 95 30 D9 D2 F9 BF 2D 21 1E 46 2B 97 27 C5 A9 C3 FD 9F 50 9D 64 8D FD 07 0E 0D F3 88 F9 C8 C0 F8 00 94 06 81 68 3D B1 59 18 9D
 31 C2 81 15 96 84 D2 64 CE DD C2 00 E8 32 59 89 96 0B EE 02 F9 F1 D8 1E 3D 4A 87 43 5E E8 DE 27 9C 69 49 1F 2C 4C A9 F3 24 3E
 EC 67 CD 01 2F 3C 3C C0 C5 4C 89 C4 E8 70 1B C7 F8 D8 11 13 6B 35 ED FD 02 88 51 4D 64 80 51 F8 4A E2 D8 6B 7B B5 40 3D 54 DC
 03 2E 97 19 0D 8E 04 C2 76 E6 3A 83 CE BA 66 D4 5B 91 E5 0D ED 58 DC C9 EF 76 57 A5 23 E9 CB E9 F0 D7 CA 4D F1 AF A8 7F 51 C6
 B8 57 1A AB EC 5D 16 9C 92 78 2C 86 15 F1 3E C2 5B BB 65 68 9D 5E 11 B5 FF 66 65

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

61 33 1A 2C 61 BA 30 12 F2 FB 53 90 BD 56 83 99 D2 0F 8C 2B 08 6E C9 98 E0 C6 9E 8C D4 41 9C A5 E7 90 CB 00 01 25 F0 C3 DD 2A
 87 41 8A 0D C8 C7 04 05 72 E6 C7 70 B4 FA B4 67 70 B7 54 FD 5C FB E0 0D C4 F8 C5 A0 75 40 AA 9F 6E B0 AA 5E 04 06 C0 70 EC 1B

C6 C5 D3 46 62 09 37 3C 1E 5F 98 24 D8 F7 5C B8 66 F8 EF CB 6F D7 58 17 05 44 45 6F 40 48 6C C4 9C 76 59 A1 A9 FA 30 6C 22 03
 09 90 4A 6A 0C 36 AF 92 5A C7 B9 00 50 8F DD D4 10 6A 1B DB 29 B2 D5 9D 3B A0 77 B2 59 54 5C 20 F7 18 E5 2C 03 33 A1 8F 5F 73
 CD 5B 7D 51 70 E0 51 6C A8 BF DC 45 25 41 6D 41 C2 86 C5 D2 35 8B A8 C7 A1 27 3C 57 5A A6 D0 10 E0 D8 13 7E 62 FC 4E C8 41 8D
 DC C8 87 69 AB EF BF A0 77 69 48 2E 74 A3 5D 10 02 D8 5D FC FF FF B0 BB E2 7C FF

Channel Data Length, Tag = '37', Length =1

Channel Data Length 112

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 43

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =43

Channel Data

2B 88 88 83 BE C3 58 ED 10 E3 B8 2C 84 4F 7B 94 1D 9F D9 50 4C B1 D7 6E CF C8 02 59 89 2A A6 66 81 54 AF 54 A2 6A 85 23 57 61 D7

Channel Data Length, Tag = '37', Length =1

Channel Data Length 69

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 01 C0 FA 9A 17 F6 C9 62 79 43 15 38 9A B7 4D 0F B2 1B F4 E2 35 2C 8F 0C F9 18 AE 62 D1 E6 69 0C 38 DC 83 77 1E 49 CC
 25 56 25 D8 86 C0 3D 0D DF CB E9 E0 38 EA E3 32 BF B2 A0 1B 37 4D B7 59 7E 56 C6 29 E9 1D D6 1D 37 3C 8C 26 EF 7F D7 BB A2 70
 E5 92 DA B0 A3 91 1E 9F B9 10 F9 D3 C6 8A 1F 4D A0 C4 36 4E E4 2B B2 35 59 0C 5B 41 34 12 4D FD 75 96 B7 A5 92 58 0F 11 26 1C
 5C F5 5E E9 B1 A3 A3 9A B7 EE F8 69 01 CF 55 E5 8F ED 26 51 A8 39 34 B5 AC D8 14 33 9B 77 B1 8C C0 5F 2F 14 B8 AC 77 85 4A 0E
 E9 E7 0B E0 93 5B DC 19 82 49 B4 72 4A 04 A9 8B B6 00 C1 BE D4 76 C1 26 90 A1 33 B2 C0 66 DC 01 81 DB 50 99 12 BD A5 BE 71 42
 87 71 7A 20 BD E0 8E 9F 77 DB A8 2E 9E 55 A2 A2 44 60 A6 68 86 CF D8 14 48 93 F9

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91E7 Normal Ending Of The Command, Proactive Command waiting, 231 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =228

Command details, Tag = '81', Length =3

Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =216
 Channel Data

8E 61 2F A9 5F D2 EE 29 90 87 83 78 B6 F0 83 88 74 09 7D AA C3 7D 76 CD 49 D9 BC D2 86 BB BD 40 BE A1 0F D5 00 3C C2 45 60 58
 70 8A 54 85 61 F2 7D 39 F3 FD 31 0F 69 66 7F 05 66 8D 9E CE 96 36 6F 01 F5 EE DA B9 69 D2 40 EE 6E 0E D1 43 CC 6E 34 41 06 12
 E2 50 7A A5 D0 14 FD 48 20 8E 47 7E A8 3F 23 DD 65 5D 95 E1 52 34 D4 E5 EB 93 8F 01 94 E4 05 EF A3 AB D4 7E 4E D0 67 7E A5 84
 EF 5A 9D D6 B2 7B E8 BA BF 3E D4 12 85 B7 5B DA 35 F4 7A 5E 36 DF AE 34 9A 85 78 77 A9 91 9B A6 A8 BF 72 F5 48 E4 59 80 E5 FC
 D6 72 F6 D8 87 17 5D E8 97 A8 37 E1 D9 61 87 77 6A 1B 2F 33 C7 D9 AF 59 DA 48 15 1F 1E FA 5C 4E C2 DF 59 CC 6C 23 D0 3B 30 AB
 75 92 0A 76 27 4F

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 F3 8F 98 60 84 04 A8 3C 31 2D 83 D5 2B 1D 0C C3 4D A4 00 53 EE B0 59 B1 F5 38 7A CD 7B 26 C6 12 66 30 1C B6 63
 BA 57 85 EB CC 59 76 84 12 A1 FC A6 06 21 2E 1B D1 BB 9D 50 D8 23 F8 92 8C 96 58

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 D1 E0 6F 63 6B 83 94 FC EF 6F B9 E0 3A 26 BB 60 4C 4C 6A 3B 79 81 5F AF 0B 52 A9 C7 AE 4A AA 1C BE 87 D8 0B D8
2D 86 72 2A 36 5A 2D DE 35 26 DE 44 99 7A B0 DD 42 6E 8E 51 EE 0B B8 55 A4 79 6B

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 56 E0 D9 96 57 A4 3A FC E4 09 9E 0C E4 0F 0D 45 44 BF D4 0E EE AC F2 FB 8E E6 6B 4B A4 65 52 43 DD 29 ED B1 1F
7D 6B C4 55 3A DD 91 EE A2 7E 1A AD 68 BD 6E 34 6F BA A6 D7 64 2A 4C BC FA 94 1F

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 69

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =69

```

Channel Data
17 03 03 00 40 D5 19 13 E9 8F 62 8E D2 26 90 14 8B FB B6 40 A0 6A 57 D8 A6 68 4F 55 69 3B F2 73 13 89 BB D1 13 50 9B 0A 6E 84
D7 34 79 80 D4 04 11 34 9E 88 47 3F 53 BE 1F 1A 9F 65 F3 6B 3D 26 B6 BB 8A 08 51
Channel Data Length, Tag = '37', Length =1
Channel Data Length 0
← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes
→ FETCH
← 9000 Normal Ending Of The Command Send Data
Send Data, Tag = 'D0', Length =80
Command details, Tag = '81', Length =3
Command number 1
Type of command Send Data
Command qualifier
Send Options Send data immediately
RFU 0 0 0 0 0 0
Device identities, Tag = '82', Length =2
Source device identity UICC
Destination device identity Channel 1
Channel Data, Tag = '36', Length =69
Channel Data
17 03 03 00 40 C5 7C 81 24 DD A0 00 69 28 85 00 18 6C 91 A4 5A D4 40 0A A9 EE C5 A6 77 72 4A 42 38 D0 58 36 95 5D F1 13 36 81
95 22 69 6F E8 09 89 A9 77 7D 4F 48 91 5B C1 B9 2C 86 63 E0 70 9F 7D 5B 43 96 C6
→ TERMINAL RESPONSE Command performed successfully
Terminal response
Command details, Tag = '81', Length =3
Command number 1
Type of command Send Data
Command qualifier
Send Options Send data immediately
RFU 0 0 0 0 0 0
Device identities, Tag = '82', Length =2
Source device identity ME
Destination device identity UICC
Result, Tag = '83', Length =1
General result Command performed successfully
Channel Data Length, Tag = '37', Length =1
Channel Data Length 255
← 9000 Normal Ending Of The Command
→ ENVELOPE Event Download
Event Download, Tag = 'D6', Length =14
Event List, Tag = '99', Length =1
Event List Item Data Available event
Device identities, Tag = '82', Length =2
Source device identity ME
Destination device identity UICC
Channel Status, Tag = 'B8', Length =2
Byte 3
Channel Identifier 1
RFU 0 0 0
Status Link established or Packet data service activated (or) TCP in ESTABLISHED state
Further Info No further info can be given
Channel Data Length, Tag = 'B7', Length =1
Channel Data Length 255
← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes
→ FETCH
← 9000 Normal Ending Of The Command Receive Data
Receive Data, Tag = 'D0', Length =12
Command details, Tag = '81', Length =3
Command number 1
Type of command Receive Data
Command qualifier RFU
Device identities, Tag = '82', Length =2
Source device identity UICC
Destination device identity Channel 1
Channel Data Length, Tag = '37', Length =1
Channel Data Length 237
→ TERMINAL RESPONSE Command performed successfully
Terminal response
Command details, Tag = '81', Length =3
Command number 1
Type of command Receive Data
Command qualifier RFU
Device identities, Tag = '82', Length =2
Source device identity ME
Destination device identity UICC
Result, Tag = '83', Length =1

```

General result **Command performed successfully**

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 02 30 52 85 3D 0C D9 91 C2 7B 1F 9D 96 AC 17 C8 1F 44 CF AE C6 09 7C 3B D0 39 2D 1C E4 80 59 57 24 5E 03 55 A3 CC 01
DC FD 63 65 E3 06 52 0C A2 7C 55 F0 8C BA 65 F7 D0 D0 F9 7B 90 51 C5 33 3C 18 3C 9A 07 0F 5E 60 EC AB 5F D3 6F 73 22 DA F0 EE
FD F9 F5 B1 9A A3 A5 1F 70 D1 0D C7 14 83 45 E4 A2 3B 80 BB 5A 74 CB 28 7A 53 81 0E 49 51 74 BA C4 56 8A 22 22 DC 66 78 3E FB
1F 47 85 83 FE 07 67 B2 B5 20 21 28 91 F3 9E B9 16 3B 19 32 3E DC D2 33 27 15 F9 DC 8F 98 93 AB D2 1D 17 0F 7A 54 9F A4 82 40
87 8D 94 9D 46 F7 4E 53 CE CE B3 6B 6B B7 7F A5 C5 9D 56 DB 16 B5 3B 30 87 91 E4 FB 85 E1 8F 00 38 0A 44 7E 3E 65 3D AC 79 B2
2C F8 07 72 49 E0 55 B6 0F B7 1C E0 1D 01 32 31 AF 0D 03 CC EC 1E 63 60 A3 78 40

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** **Command performed successfully**

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data, Tag = '36', Length =237

Channel Data

28 BD 80 68 02 2A CE C1 1E DD 84 D5 E7 C2 64 92 BE 60 31 EC 5B 19 F4 09 58 26 5B D6 1D F6 A2 48 37 27 09 F7 74 81 E4 09 05 83
31 D6 03 7B E8 DE 72 4D B2 B4 7B DF 7B 99 D3 FB C8 FF FF 72 A9 05 F8 F9 EB 1F 57 4A 53 58 7F F4 06 C5 17 DC AA C1 5E 08 52 EF
62 83 E6 D8 53 1D 16 EC 25 94 7F AD DF A0 BB 73 CE 3E 97 44 C2 E7 D8 DA 59 F4 B1 92 68 5C 14 03 F5 98 E5 63 1A A6 FA C0 4F 51
EB C4 25 61 90 00 77 81 B1 80 87 BD 2D 0C 2D 63 33 2E 21 24 F9 30 50 2B 6E DE F8 9D 1B B8 6F 9A D4 67 46 A4 E6 D8 2E 3A CC 80
53 6F 32 EB 24 09 F9 98 3C 2D 9F AB BB 51 A6 84 DC 94 D3 7F 31 C0 FE 4E E3 66 73 C7 F2 BF 92 AB B7 CC 98 82 FA 8C 33 58 59 EE
A9 AE EE 6B 61 95 BA 56 24 80 34 A7 C1 5E D0 D2 B1 70 43 AE 11 2F 3C 79 FE 46 5A

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 91

→ **TERMINAL RESPONSE** **Command performed successfully**

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data, Tag = '36', Length =91

Channel Data

6E 89 D4 52 AF 31 2E 30 65 1F 40 46 1C 85 53 4C 35 B9 DD 08 87 5E A8 7C E7 40 9E 56 3D 2A 69 E5 C3 D6 6A 3E 35 2F 00 34 FA 56
26 B0 9A E3 A9 2B 82 1E A5 E2 76 D3 1F FC CE E2 A8 F6 00 D1 6E 2A 71 E6 32 EA 42 AD DD A4 D9 75 05 DA C4 48 83 53 6C 93 95 2E
9B 9B 9B 15 14 09 BE

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 01 C0 16 53 67 95 BE C3 A4 2C FC 91 B8 20 66 E1 84 07 05 02 B3 C4 C2 02 E7 F0 CC DF 8E 3B 0F 18 74 28 97 9C 0B 4F 9F
07 C4 BC 20 95 E5 D4 B8 A8 97 39 35 BC 11 68 6A A4 FD 44 41 F1 69 CC 31 C9 B3 06 C9 C0 00 59 6F A9 AA 63 A4 39 D3 F5 79 F7 E4
D4 1D 71 58 CE AD C2 38 FB 9D 29 BE 31 CA 82 26 8B 72 39 FE BC 7C BE 10 D5 32 AE 14 D7 B3 29 55 FF 7D 5C A8 89 7A C9 5E A6 62
94 54 60 20 82 76 77 D2 B6 89 64 E5 D2 6D D0 D2 0E 74 FE 2A B2 46 DB FA 64 20 6D 51 23 22 CE 9B DD F4 38 B9 ED 8A DE 17 A4 3C
9B B5 70 27 AA D2 2A 06 C8 28 C1 FA F2 9F 8F 5A 9B BA 87 15 AD DB 3C C3 E4 8C 2A 99 13 DD E2 2C 4E 88 F6 52 85 CA AF 4D 54 AE
A8 23 09 10 F3 85 F3 FE 71 F4 9D 6F F7 1F 0E 33 0B F9 55 3F E5 34 20 B7 CB 1C 49

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91E7 Normal Ending Of The Command, Proactive Command waiting, 231 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =228

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =216

Channel Data

DF 1B CB 6C 42 40 4A 2C 1D 0E FE 76 BE AC 54 59 D8 74 40 A0 ED BF 57 6C 5E 8C A5 22 CC 90 DD B3 D8 9D 19 E5 CB 72 EF C1 44 E6
5D 86 13 B6 BE 9D 40 B1 8C 1E 43 4A 41 B0 35 A7 B9 60 B7 9E 10 6E B6 A2 9C A7 92 27 51 7E 5B 07 4E 1E 54 3F 64 FD 12 CD EA AC
E0 F3 2B E7 86 D4 16 B2 D6 65 76 B9 F6 9E 67 18 5E CA B8 50 8F 90 F3 08 7C 1C 4F 64 22 2F 46 13 48 6F 49 B1 F1 BC 8E A5 27 28
40 3A F4 8E 21 01 9C C2 31 50 FF 45 36 78 5F 20 BA 5B 72 BE 3B 3B CA B4 59 B3 DF D0 B4 06 B9 62 6A C3 B7 95 CD 41 8B 7D BC BE
1B 88 D8 E4 B6 23 03 60 99 66 0C 58 42 FD 0A 3B F8 AF F2 DD 32 9F 5A 6B 32 B2 18 FC 0E 6B BA 67 11 A7 AC A5 2A EB 94 C2 79 56
14 8B D6 B5 6E 65

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 8A 77 83 F0 D9 4A DB D8 E3 31 3A BC 27 9B E1 C8 90 CD AF EC 96 FA 05 52 7A BC BA E9 35 20 12 F1 BE 88 4A 4E 3F
E5 E9 ED B3 D1 D9 CC 29 C5 33 46 02 70 4D BB EE 14 5A 99 3B 39 8C E6 E6 49 01 4D

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 62 F2 A7 42 1D 2A 26 8D F8 6F 39 67 99 82 0C FD 3D 40 01 2A 37 63 D2 E2 63 02 CC E4 51 2A 07 10 89 E9 FF 8E 2B
83 5C 47 B0 77 84 9B F1 EF 68 21 AC 4C 1F B1 9B 8E 98 1B 62 CE E3 D3 60 90 6B 77

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 00 A0 BB 74 04 FC 05 45 6E 42 45 32 1F 50 85 6F 65 92 04 66 EC 90 9E 0D EE C4 F1 35 02 BA CF 28 55 86 A0 0A 4C 3E B5
 89 91 47 21 11 12 62 85 BF 2B E0 19 AC A0 35 78 27 AA 13 17 64 50 1E 6A 5F 24 B8 50 AD BB 1F E0 F6 D5 06 40 98 4F 61 24 E4 3D
 43 B6 C7 15 66 43 AC 6E 5F 37 D3 38 B3 89 D9 BE 23 AD 8E 54 CD 01 43 0C CA 29 CD BD EE FB FA 8F E6 9A 9D 02 61 65 A1 EF BC 28
 37 6F EE 3F 47 62 91 8B 25 4E C4 3B 96 E2 42 75 FF 7D 51 AC B6 F8 88 81 B4 5E FF 66 EE 9E 40 5B A6 00 A8 91 43 70 20 17 03 03
 00 90 97 FB D5 AD ED 22 88 EC 42 EA 4B C9 FA A5 A3 4E 31 19 2C AC 4D 91 A4 12 6A 8D 54 E1 58 8C 3A 73 80 AF D8 7F E2 66 35 39
 64 F9 5A EF 27 8C CF F5 66 0E 1E 02 CA 70 03 5B 4D CE C9 E9 5E 79 AA 7B 6E 41 99

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 146

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 77

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =77
 Channel Data

C5 7A EE B7 FA DF F3 D0 B2 00 67 E5 05 34 EB 92 7D 0D 2A AD 85 E4 77 30 6B 6D FC C6 AF 4D E2 AB 32 4C 78 5A 7F B7 44 2A 85 C2
 C9 C5 40 86 5A ED EA 94 9C F3 C2 DF D6 65 C4 2A 18 7E 45 B7 66 EA 8C 54 55 98 33 F1 3D E9 8E 5C 59 C4 D4

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 69

← 9162 Normal Ending Of The Command, Proactive Command waiting, 98 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =96
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =85
 Channel Data

17 03 03 00 50 C1 73 FA FE A5 FF A2 31 DF 0E 59 4E 9D 5D 50 3C E4 C8 81 88 62 1A E5 BF 4F 15 94 FF AC 02 1D 1A 14 78 CD 51 EE
 9D 43 9B B3 AF 29 90 8D 69 66 EE 65 E3 DA A5 0B ED 84 11 3C 32 6D C9 A3 65 19 10 C5 14 0D 27 09 D6 2F EE AF 29 E7 11 CC E2 2E EF

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 6D 97 03 0C 08 95 1B 1A BE E1 55 90 14 73 B3 80 73 DD B3 84 AF 6E E5 A1 E7 8E 74 FA 29 EC 6C E2 FA 3F 53 B4 62
 89 B9 AB 33 A8 E2 78 D5 3A 47 46 7D 49 B8 3B 5B 37 47 72 A2 12 65 56 2C F9 DF 70

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**

Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 69

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 5F BF D7 DA 83 BC F0 6D 70 29 BA 29 64 9A 94 15 C8 F6 E9 61 45 85 CB 75 25 16 B5 D1 81 BB EA DC 64 B2 F4 DF BD
 B1 B0 5E A9 0A 62 1F 27 73 55 44 FB C7 EC AE B3 69 FC EE 64 AA C5 A2 96 55 9C E1

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 0

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 9D 24 9C D9 F2 FD BA 30 F7 7A AE BD C2 5F CE 7C 2B 11 E7 35 FF C7 A0 DC 08 01 6A 40 50 08 AE 2E 33 ED D7 25 9C
 D0 B9 00 F6 50 7F 92 8C B1 99 A9 10 1D 06 5E 6F F9 14 97 9D 3C 24 8C 21 73 84 66

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Result, Tag = '83', Length =1
 General result Command performed successfully

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9000 Normal Ending Of The Command

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =14

Event List, Tag = '99', Length =1
 Event List Item Data Available event

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Channel Status, Tag = 'B8', Length =2
 Byte 3

Channel Identifier 1
 RFU 0 0 0

Status Link established or Packet data service activated (or) TCP in ESTABLISHED state

Further Info No further info can be given

Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU

Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Result, Tag = '83', Length =1
 General result Command performed successfully

Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 02 30 AA EC 48 1D 73 B9 2F 48 E6 D1 4A EE 84 B5 58 B5 B7 24 80 01 F0 7A 17 6D 2C 34 16 AF 6B 19 E0 FC 69 59 4E 88 FF
 F2 CB FD 3D E6 CB A4 62 97 38 46 32 41 BA 34 4C 51 E9 EE 49 11 3F 6F E7 89 4C 02 05 81 66 01 E6 4B D5 DD FE 2C 35 10 B0 0D 50
 52 F3 02 74 00 F0 DE 97 9C 6C F2 BF 51 16 D6 AD EB 62 E7 51 C6 09 29 16 F2 E6 CC B7 91 BC 4E 80 C1 47 11 1F 39 F7 E2 B7 6E C0
 88 F6 D8 00 F6 10 71 E4 07 9A 08 A0 0D 3F 60 6A 7A 25 96 FA 94 A9 85 0A 67 00 0F CE D4 F6 71 34 3C A7 2A D9 8F 47 02 37 A6 5D
 B1 06 FA 7A E1 49 7D F2 B5 1A 29 FC 40 BB 7B B8 28 96 F5 19 7C 41 60 E7 D9 78 C1 D9 0A D2 FB 3C D9 E2 3A E2 61 4D F6 A1 8E 61
 A3 AE E4 B5 09 69 49 70 87 8D DD C0 5F 56 63 3B DD B2 9F F0 85 38 9E 80 0B BE 10

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

8C B3 A1 A9 9D 18 AD D6 7D 78 B7 54 9F C1 61 42 DB 1B 66 A9 46 41 39 94 6A 12 E8 77 8F 53 6D 02 BC 88 CD B7 4D 90 CD DF 17 B8
 2C 4A EB 87 1B 82 BE CE C3 EE 2E 8F 8B F6 D3 6C A1 28 7C D0 5E 4C 90 4D C9 75 23 F2 29 86 AA 95 77 8D E1 26 9D 23 5F 62 8B 3B
 EF 7C 7D 28 19 09 B9 CF 2A 09 35 C4 5B 08 78 FB 69 74 81 2E 22 5F BD 2D 70 C8 1C 79 E3 21 A6 E5 C2 2B 92 C1 6B A2 9A 0F 82 C7
 E3 2C A3 8D E8 58 22 FF ED B7 5E 74 57 A1 83 02 E1 F6 87 04 B2 3B 4F 41 E9 8A BD 74 BB 56 A4 BD 74 BB 56 A4 BD 74 BB 56 A4 BD 74 BB
 D3 B7 DB 6B B4 19 1A B8 56 50 09 4A BC E5 15 58 3A 11 80 D9 19 71 BF 79 3D BF CF 2D 46 09 8A 0C A8 6A BC 72 F6 01 A9 23 F9 FC
 EE D2 3F 1E DD 95 B7 1A 80 1B 6C C8 E3 D8 B4 DA 9F 1B 0B 3E B8 4C 80 27 71 75 0D

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 91

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =91

Channel Data

36 6C 40 6B B0 FF 88 E5 1C FB 79 CB BB D6 CA 32 F8 2D 5A E3 F7 74 2A EB F3 DD E1 53 00 55 5B 8F 9E 2E 79 C6 31 C2 69 6E 89 57
 47 BE F2 73 10 01 56 90 7A 4F 0E B7 B3 2C 9D AF BE F2 79 8B 51 87 F1 FE 16 2F BA 6F 47 F8 9F 76 BF 69 5A AE 55 90 24 01 D1 A0
 EF 7B 25 80 17 45 36

Channel Data Length, Tag = '37', Length =1

Channel Data Length 218

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 01 C0 1E D3 E8 85 39 DC 39 31 69 8B 1D FF AE E9 8F 02 5C A7 9F 55 D8 BA 91 58 13 6D 79 70 DB A7 34 FB 95 64 7F B1 2D
 93 02 9D D7 EC 89 6F 6C 27 DF 11 2C AE D9 95 78 B9 1F DA 4D D4 54 9D B8 74 5D 48 65 6A 3A B6 E4 7F 0B 38 99 44 7A 3E E4 BF 6D
 CF 00 0B 64 91 E1 88 83 24 77 7E A8 15 96 33 F2 AE C7 F6 3B E8 89 75 2D 1A CB 44 08 61 67 7C 55 BD 26 CC 50 72 E2 D9 5E 7D CB
 0B 59 10 81 87 43 C3 CD 2F 6E 1A CF 28 6F 8C B2 EB 69 4F F1 EE 06 63 82 F8 0A 61 D6 87 2F D3 22 73 ED CD BD 62 66 39 83 3C F2
 B5 D3 3F F7 30 BC 5F 41 BC CC E6 25 52 28 C3 3B B0 0B CC 70 D6 35 72 89 9D AE 05 A2 03 87 8E FD 85 51 0F 37 F8 8E 9B 2C F2 B0
 0B BE 23 19 57 5D 41 65 8A B9 E8 E6 F3 EF B2 F5 49 D3 BA 08 21 83 56 B9 95 B3 F9

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91E7 Normal Ending Of The Command, Proactive Command waiting, 231 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =228

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =216

Channel Data

26 60 CF 4D 12 FF B4 A6 CB 20 B1 4C 65 3B 88 B1 1E 09 D3 81 39 C7 98 36 98 67 E1 B6 68 F1 E4 D5 0F B9 92 AC FD DB 67 D0 8F 7D
 CC D7 BF 79 61 2E C0 9F AF 8C 1C B6 12 D5 5A 8F BB 7E ED A4 74 EB E1 6E 11 78 B5 8F A7 46 C0 39 13 8C 29 A1 C0 59 3C B8 1D 86
 57 62 19 BB 6A CE 31 2A 82 5E BF 12 F3 B9 4F B6 18 03 4C DC 2F 61 7F ED 80 7E F9 C3 FB 05 B2 4A A0 13 8E AB 8D D2 78 CD 30 C2
 41 59 06 98 BB EA 7C 4B 38 AA E2 4F 57 2C 6C CE C4 97 02 9B EF A8 83 02 5A 45 B7 5D 8C A6 21 59 FB 52 51 8B 25 63 17 1D C0 B1
 E0 F3 CB 1E 59 7A 48 CC FA E6 24 DA 7D 5B 18 D7 DD 89 23 7B 35 83 69 52 B9 91 79 68 BC 59 6D 3A E8 68 EB E9 C8 57 6E C7 0C CB
 E8 0D 6D B7 EA 14

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 DE 2E 78 02 02 38 8E CD 49 10 0D 84 D0 E3 79 6B 9A 41 2C 31 08 76 81 54 FF 3E 8A 2D CA 26 6A 05 1B E8 5B F9 90
 FF 84 58 4D 62 18 85 EA 3B 84 B6 FD 85 66 AA 82 E9 F7 80 3D 3C 78 46 F7 4E 73 FB

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 218

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =218
 Channel Data

17 03 03 00 90 62 F2 3D 91 BE 3E 63 06 1F C5 62 B9 5B E5 A1 63 95 30 31 E3 65 16 8D 58 C9 FD 1B 97 45 40 C5 5B 66 0B 02 72 21
 CD 77 B3 B0 C6 2C A4 23 19 ED 47 83 07 90 9F E4 57 47 85 3C 62 3D FC C6 AA 1F 15 A2 DE AC 77 54 74 05 61 5C D0 51 9A 0B 05 71
 17 23 BB EB 31 7A 17 E9 57 DE FE C7 E9 07 F3 FE D2 8D 80 9E 60 ED 76 2E D6 8C 86 6F 19 1A 43 4C F9 40 3A 2F F2 19 87 B4 E1 8F
 0B 94 F9 4F 1F C5 80 1D AF DB 7E 1B 9C 16 F3 32 32 F0 2D 6D 66 F7 40 17 03 03 00 40 33 34 D5 29 31 EC 41 A0 55 D5 11 2C 14 7C
 18 55 BE AF 58 81 CE CA DA CC A6 6A 8A 52 02 00 A5 57 1F 34 DC 40 09 82 13 5A 3E 6A 8D 9C 8D 59 C4 0E 41 64 5E FC 10 87 80 6B
 BD BC 71 BD 33 09 9C 23

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 0

← 9172 Normal Ending Of The Command, Proactive Command waiting, 114 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =112
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =101
 Channel Data

17 03 03 00 60 E5 88 79 50 E0 53 CF 46 0A C8 23 E5 1B CF B2 E9 DC CB 92 59 1B CE 9F 56 E8 AF 88 82 5E BF 24 A7 64 88 C4 88 90
 FC D3 04 24 5E E8 F9 4B DF 47 6C 84 F8 6B 35 B1 5E 04 22 C4 C8 38 35 53 0F 0D BE F6 6A 8D DF 9A 06 43 95 6B 5C 84 15 9C E6 78
 AE 03 F6 1C C8 CB 1B 09 06 16 2A 2D 05 77 3A 27 26

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 AC 08 C0 D2 8C E2 A4 8A 76 A9 EB FC 23 43 11 AD 94 0C 42 9C 98 F4 83 E0 5B 8B B1 1B C8 82 93 B8 B6 50 CE BA A2
 36 66 EF 44 6E 22 70 30 DB DF 6D E9 97 0B 77 A9 14 37 19 90 FB EA B4 0D 3C BB 61

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**

Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 B8 EB BF 9B E4 E3 4D F7 89 A0 2A CB 59 E9 0E 66 EC F1 4A A2 E2 FB 40 8F A7 94 1C 57 16 95 82 9B 51 46 37 93 FB
 CD 35 A6 B5 57 86 C2 DB 3A 44 47 1C D3 78 62 0A 42 4A B9 6B C5 44 BA 8B 6E 77 72

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command **Send Data**
 Command qualifier
 Send Options **Send data immediately**
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**

Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9000 Normal Ending Of The Command

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item **Data Available event**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**

Channel Status, Tag = 'B8', Length =2

Byte 3

Channel Identifier 1

RFU 0 0 0

Status Link established or Packet data service activated (or) TCP in ESTABLISHED state

Further Info No further info can be given

Channel Data Length, Tag = 'B7', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 02 30 9D A0 FA 65 00 18 3E 1F 7A C9 4A F7 5E EA 0A A7 CA BA D5 5C E1 24 E4 8F 7F 0C 7E 24 EE 49 59 EB 2D F8 AF 31 73
B5 C9 13 24 8A 20 22 90 3A 13 49 55 86 67 30 1C FC 20 16 6D 5C 0D 71 7F 47 ED 49 F3 57 68 50 61 46 24 3B C0 84 E7 7A 83 2B 16
FC 10 26 94 7C 19 CD EC 6A 88 B9 AD 88 C5 D2 21 BD 9E 8F 97 28 F4 E2 88 04 A8 42 2E 9C E6 A1 5D 56 97 BC 02 91 1C 1E 2C 53 5E
37 B2 C1 39 74 DF 1D B5 C8 F8 72 CB 42 5F DD 6F 12 01 B6 18 28 F1 A0 7D 12 E5 A9 E9 69 C2 18 89 FE 5A 3B 80 CB 99 CC 60 07 29
57 9E 9D 1F 8D EB B0 B9 60 69 FD 5C 3B F5 39 63 1C 43 09 81 13 A2 38 C5 32 CD 95 57 BA E3 4D 29 B0 34 94 CA B3 D4 B3 D2 54 84
90 F8 C9 43 AC E4 CF 11 DD BA 11 5F 56 7C 49 E7 A1 03 F5 72 63 64 55 13 7A F9 48

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

94 96 49 E8 D1 6B 6C AF 1A 8C DC D4 EF A5 50 87 39 11 75 3D A8 34 A1 F8 10 A8 FA 53 BE FD 3C 99 CB 21 F5 E0 D1 1A F0 07 39 29
C8 32 09 8D 2B C8 61 3C 8C 8B 90 2A A8 6D 3E 95 02 D2 FC F1 5F 17 B5 FE 6A DB C1 18 02 11 F0 22 FC 18 EF 05 ED C4 42 37 CA CD
81 7C 78 C6 47 71 12 50 5D 01 EB 3B 4A 95 96 6C D5 29 43 E1 9A 23 08 A6 FC EF 0F F1 49 E9 36 AC ED F4 D6 9F 5B D5 53 40 98 2E
CC EA D4 13 4C C3 6E 10 3B DC 01 89 94 6F 85 FB E5 E8 65 01 3F 0E 36 70 5A 80 50 9E E5 46 AB 34 EA 9A E1 EB 5B BB F1 26 DD 8C
AA 43 80 FD 44 4E 7A 3A FB D8 F8 D7 CD 5F CC 6F 3F 33 5E 55 F7 BA 31 19 92 90 0C 04 7A B6 1A D8 71 7D 0B DD 4B B9 07 ED 5E 25
8F C2 88 AD 94 8F C9 AC 41 1F 74 CF BB BA CE 65 E8 57 82 B3 70 76 68 9B 57 D5 0E

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 91

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =91

Channel Data

C7 7C 00 12 80 B2 60 2E BB E7 14 8D DE 20 68 F1 63 CB A3 DC EE 10 99 E9 03 59 99 CC E8 93 9A 08 46 2E 0A B4 AE 87 96 87 A8 AD
18 AF F1 4D EB FD 8E D0 38 BD 72 14 87 D0 BE BD BA 01 A5 32 9D B9 4E A5 95 F4 45 9D 58 DC 95 B3 EC 18 17 67 CA 07 57 DA 06 08
7B C4 F1 56 B6 85 CD

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91FC Normal Ending Of The Command, Proactive Command waiting, 252 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =249

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 01 C0 B7 7F 0C 87 A0 7C BD A6 33 11 DF FA 9A 7F 26 B8 35 BA AB 33 EC A2 06 AE E9 59 E7 29 C6 0F 25 AC D9 E3 35 4F CB
3A C2 AF 43 7A 19 C1 8D 3F 7A 56 26 47 98 C1 A6 1F 9C 93 F5 F1 0C AF 96 2F 94 FB CB AA 05 6D 4B 99 B6 0E CD AE 55 2C 4B 90 B1
33 35 EC E1 22 D3 BF 5B 12 54 2E 93 AD 0E 51 C4 3D CC A2 3F 58 B6 90 A2 AA 26 31 7E 35 1A 8B BC 0B 68 75 B9 0A 26 18 92 77 26
09 2D B6 D6 A6 3E DA 5B 92 31 67 02 0A 37 FF 27 7A DE 6D 45 90 F8 50 CC 85 89 4E 0B F1 72 51 3E 3B 57 DB D6 1C 50 83 34 BD 0B
3A FD AC 2C 73 65 A5 7B 01 4A 20 48 E5 BB CF 4A 31 CD DB 82 47 FC 25 0A 42 C4 CC 0A B3 87 B7 2E D2 6E D0 9D 07 9F D9 05 C4 0B
24 2B C9 DE F5 AB CE 05 F7 3B B7 B3 55 17 80 B1 BC AA 23 F5 92 EA BD DD EB C0 F5

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 91E7 Normal Ending Of The Command, Proactive Command waiting, 231 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =228

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =216
 Channel Data

38 E0 61 E6 34 7C E4 E6 D0 29 5B A5 CF 83 2D 75 B4 4A 77 85 BE F0 74 99 50 8D 33 83 40 16 A4 3B DC A7 3F C6 D3 71 62 FE 10 17
 75 B6 53 90 74 B1 9D E1 EB 4A CA 4C FD F2 26 6A 7F 10 48 02 CC 19 56 B8 10 28 BB 9C E9 F9 F4 FA A5 AC EE 4A B7 3E A1 4A 7E B4
 A0 15 BF E0 39 44 59 01 78 D9 88 B0 02 32 BD 15 36 67 1E 6F E5 CD 47 AB 65 A3 14 5B 6F 4F 3F 37 D8 6B FA F6 CF 6B D7 31 E0 C7
 AC B3 B4 3D DC 2E D5 FD B3 F4 00 8A EE 27 67 38 82 B7 5F 4F 94 FF B6 13 C7 6B 49 CD 15 E1 39 C2 90 4C B4 45 03 76 BA 82 B5 B1
 9B 84 10 09 E0 A8 26 35 89 FD 98 93 F8 59 F4 02 50 94 33 9E 5B 5E 51 5E 37 2C C8 4E 8D B8 E8 DF B2 4B C0 92 D6 7B 89 56 69 FA
 5F BB 1E 7A 96 1B

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =69
 Channel Data

17 03 03 00 40 40 6C CE A0 8D 66 65 E4 8F CB 68 E3 D8 A6 75 40 AC 8A 35 C4 4C 7D 15 1A 6B 9D 33 27 F5 A3 F4 DB B9 31 58 F9 C3
 80 30 26 94 F6 F1 CB A8 35 34 C8 22 11 7E 27 0B BD 48 68 70 85 E6 3D 77 6B 38 05

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 9172 Normal Ending Of The Command, Proactive Command waiting, 114 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =112
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Data
 Command qualifier
 Send Options Send data immediately
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data, Tag = '36', Length =101
 Channel Data

17 03 03 00 60 C7 7F 6A A9 D1 8F B7 AD 6B 5F C2 78 67 14 B5 21 40 F3 72 1E 3E B5 4B 37 37 CC A7 5F BA 3D D2 50 C2 F7 44 75 E6
 DE 8E 6E 1B B5 63 7C 9F DD AA 83 D9 4F EE 44 90 07 99 91 A5 5B E7 61 AB 94 4D 3E 1A 6B AB E1 8C 3E 6A 5A 2A 30 9F 7B 66 DC B2

FF 27 6C 70 71 38 B1 0A F1 61 80 BF 2F F7 EC 6C 7C

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 EE 48 15 AE 93 7C 55 78 17 DE 61 08 92 FD 24 F9 44 B3 B9 98 BF 0B DD 96 3B 48 2E 91 FB 26 4A C9 E5 CF 4D F9 65
E7 F4 1D 26 10 22 A5 C2 D5 6B 40 AF A2 38 DD 48 01 0D D8 98 7F E1 45 32 28 79 DD

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 C6 C0 37 36 BC 0B 5E EF 71 AB 28 70 56 61 19 9F 54 AE BB 1C 76 35 70 FF 6B 28 DC 44 6E 63 42 78 0F 8E 75 97 5B
28 70 DF 20 2D CA A3 04 35 0D 21 BF F1 64 89 5A 48 83 4D 1E 75 92 DA AE C3 73 BA B5 C6 3C 60 7E 29 E7 DF E7 95 7B C0 3B 8A A8

04 49 80 20 30 6D 3E 6D DB 63 3D 1C AA B6 0B 28 5D EF A2 BA 46 24 14 10 8D B0 0A 3C 93 5C C7 43 8B A6 C2 C2 46 8A 6D 72 26 52
 8E 87 03 23 FB B0 1E 0D E0 82 8D 21 0F CF 6D 8D 10 10 80 03 BE 74 D0 17 0C BF BF DA C3 23 F6 7F 03 5C BD 23 90 C1 26 17 03 03
 00 A0 23 A1 D0 12 62 9E 86 12 C0 8D 57 74 E4 E0 A7 89 FC B7 7C 8F CD 4A 72 05 81 D3 6E 69 3A FC 45 98 57 B3 04 91 9B 15 9B B2
 FD 38 DC BC 0C 09 8C F8 34 15 FC 57 A8 02 70 61 25 7B F0 DC F1 52 D9 F0 50 AC 21

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

E4 36 6B 0B 01 A3 3B 08 1E 68 B2 A7 5E F5 B8 D9 C6 9D B6 76 0A 20 2B 64 0E 12 FB 58 A1 91 C7 25 CC C2 38 85 81 06 56 42 FE E5
 0A 6C B7 B4 76 D1 37 E0 D3 E6 37 77 FF AB 31 12 F0 6F 5F 4A 34 38 AD 1D AA 81 7A 43 E0 28 2F 32 BF EB 35 AC 72 D6 05 E4 7F 91
 BB 23 AC AE 1D AA 4B E5 99

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 C5 01 5D 67 93 59 25 27 EE 45 12 F0 1B 83 32 E8 E4 92 7E D8 27 1C 69 A2 C7 9A B3 57 35 ED 66 DC 4A 87 F0 F1 6D
 6F 4F 6F C3 4B 25 ED CA 3B 41 D4 B3 18 90 EA 67 A3 BC 58 9A 38 CA 1C 7F A1 E1 BD BE 7B 3C B3 90 F5 35 88 16 1A EB 64 66 8A 9B
 4E C6 E2 3A C6 A6 4E D2 E3 85 18 94 4C 8A 74 3F 88 11 D9 67 0C DB 1C CE 82 F0 C9 71 2B BB 64 7D 2D 90 36 72 1D 9E 1E ED A0 A1
 14 43 39 74 34 27 22 F3 5B B6 E8 BB 26 DB FE 37 02 4F 35 92 FA AB 58 4A CD FA E2 DA 61 33 CD 72 9B 40 BF 1D E5 CB FA 17 03 03
 00 A0 B0 EB E1 3E 6A 80 46 DC 2A AA 31 94 4B 31 96 3B 0D B4 74 2B D1 02 BE F9 A2 E4 7F E9 1A 37 29 F9 3D FD EF 05 45 A1 16 BF
 8D 72 8D 03 6E C7 3B BC E3 A7 B2 DD 2B 46 3B 5C 8E 8F DA EB BE 25 EB C4 5C 4D 4F

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =93
 Channel Data

89 27 B2 E6 AA 67 4C BF 5B 8D 63 33 42 3B 4A FD F6 24 97 D3 94 9C 67 00 99 FE B3 57 38 09 CD 2C 0D C7 A5 6E 41 3B 01 62 D6 55
 CE B1 5B 9D 75 F5 FC 01 5F A5 A0 67 2C 1D 2C FB 56 4B 50 E2 96 86 60 6C 27 EF 8D 94 1B 75 60 AF 13 52 BC 98 36 CE 12 D2 98 57
 01 44 CF 06 AC A4 52 48 FA

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 197

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 197

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =197
 Channel Data

17 03 03 00 A0 26 17 62 1A A3 BC 1F 5F E7 F7 FF 74 CA 91 2B 9F 72 08 ED B2 D1 97 92 A7 75 66 4C 8C 66 1F D2 47 04 47 0B D8 BC
 BE AC 7C 25 0E 47 1E 8E 85 84 36 59 A0 E9 4D 58 01 03 10 5A 1D 1F 2C 3B 33 57 E6 D9 66 9F 3A B0 CA 3F 2C DE E4 A4 3B DE CE 6E
 FB B6 84 BA 06 46 2A 97 6B 3C 92 C8 E1 B3 F0 8B 3A D0 3E 22 A9 C5 FD 2B 04 42 7F BA D7 80 F5 34 CC 8A E4 44 33 99 A0 E8 E5 A5
 55 10 07 B5 E1 6F 4A DF 96 6B 40 4F 61 A7 1F 8C 99 66 1A 34 DE 00 09 E7 32 49 76 3F DE 30 DD 92 A2 89 28 6A 55 DD 6A 17 03 03
 00 A0 79 F5 3A 51 59 D0 94 0A 7E 7E CF 77 97 FA 2C 43 E7 31 AA 67 E2 16 A8 3E 80 E3 DF

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 0

← 9000 Normal Ending Of The Command

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item Data Available event
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Channel Status, Tag = 'B8', Length =2
 Byte 3
 Channel Identifier 1
 RFU 0 0 0
 Status Link established or Packet data service activated (or) TCP in ESTABLISHED state
 Further Info No further info can be given
 Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

B5 72 01 E5 57 F0 49 A0 13 46 4F 1E 1E 20 C2 59 2B 9B 42 02 7F 1C F9 76 1C 16 6D 04 87 29 26 E8 50 85 72 EF C8 B5 E1 56 96 11
 63 42 D0 AF 31 6B 3C 7F F1 EE 9D 14 39 FE AF D5 A1 67 EC 39 5E D5 40 EA 4F 01 E7 88 73 D5 70 AC D1 2F 6F 0C F4 EC A6 54 8D B1
 6A 0E 32 DE 58 04 F7 2E 26 0B 15 10 6F 0F 14 83 99 A0 0A D7 06 8C 66 60 1E 10 12 69 C5 4F 2A DD 27 08 39 A1 36 38 CC 66 0B D2
 28 81 BD AE 2F 33 10 17 03 03 00 A0 C2 14 2C 25 F7 5B A8 EA 1E F8 D0 5D E1 3D AB 6C 32 67 C5 8A 6F F2 98 35 25 0A FF 02 51 E6
 CC 9A 41 19 B0 AD 2A FB E5 15 C1 49 41 7F F3 E5 99 AC 97 08 E4 B6 EF 72 9F 3F D4 6F 89 A5 FA 5A 1B FE 60 6F 8E 99 BD 5B 58 CE
 1F 54 BE 98 FF B3 A0 A9 C9 1F 45 95 B7 5A 09 90 09 2A 92 FB D9 8B 5A 04 F0 47 77

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**→ **FETCH**← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 61

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =61

Channel Data

03 FB 1E D4 0A AC 70 AF 81 AA C4 F7 EC A3 6B 2B 01 D8 A9 0F 2C 3F 5F A5 95 E5 A3 35 56 63 0A 4B 81 F9 9A 75 39 EF 78 FB D1 47
 C8 83 6F FE 2A EE B0 84 5B 48 DD 63 43 FB 6B CF 13 F7 BF

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**→ **FETCH**← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

```
17 03 03 00 A0 0D 39 E0 7D C7 1D 25 19 19 D7 9F 1B A0 C3 78 E4 A0 C2 DA D3 B9 15 15 1C 31 8A 93 FA 75 67 1A CE 39 95 56 50 6F
E7 35 31 96 03 19 A7 78 93 82 D3 3E BA 99 91 B9 E1 1B EA C7 DC C3 2D 9B 5D 37 30 41 0F F4 3B BF 5C A8 3B A5 18 E1 7A 45 F5 48
65 4D 74 BE 18 B7 44 8C 36 34 EB 0D 13 B2 5C AC 70 2B 70 0A 1C 2C 5E A2 BE 1E 71 85 63 A2 10 4B C1 09 68 02 06 C1 B4 02 24 AE
DD 7B 29 D2 22 55 03 85 57 74 E5 27 9A 30 D8 05 6B 00 80 1A 33 7B 85 59 8B 67 67 C7 2A 5E 14 DD 08 1B 61 7F CF C9 0B 17 03 03
00 A0 A2 59 EE E0 DD BD 73 58 A5 43 43 70 E2 96 92 56 16 2E A8 2F 7A 6F 3B 33 AE 5A F2 01 19 03 64 C7 0E D4 7D 65 1B 8E F5 4B
28 AF A3 F6 9A 57 9A 7F 34 62 9A 9D 57 E6 B0 6A 0E 46 B2 CD 99 5E F7 EA 9F 61 54
```

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

```
42 C8 5A B5 41 88 EE C9 3B 5B F8 BF 42 38 75 31 EC 89 B8 5B 8A 9D 6D B5 7C 06 17 57 8F 22 5D 67 4F A6 F4 56 BF 87 AD 07 60 26
BB D2 C6 62 DE 47 A8 98 AF E5 08 8B 18 40 00 BD 45 6D 26 75 01 B2 C7 7C 0D 18 EB 73 BE 00 E4 EB 3F A5 B3 FC 37 05 5A 54 08 9F
C9 B5 72 94 4B 85 90 AA B3
```

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 91 DF B2 F5 8D FB AB 02 47 D8 B8 54 6F 7B 77 84 CB EA F9 B4 D7 3E AE 16 0D 22 B0 A7 0D 42 AA CA BF 4A 1D 51 6F
9F A6 A5 DD 8D 9F 91 99 41 F3 B0 E6 2F F9 9F C7 51 EB C6 19 7A AB 00 7E FF 37 BA 03 A2 C2 B3 1D 4C F5 74 16 C4 45 6D 0D 6F A5
6C EB 23 01 CD 3A 91 B4 FC F1 B0 C1 D3 AE E5 47 3A 5E 63 00 0D 68 D0 87 B1 98 41 61 FC 9F C8 DB 52 06 B7 A6 7E 86 3F 75 2A 09
32 98 29 E8 D8 EC 03 43 F1 43 07 FA F2 22 28 2C AE 6C 84 6C 33 5A 97 F7 EB 42 36 78 E9 68 20 AC 8B 74 3A B3 4D FC 11 17 03 03
00 A0 E3 B3 9D 81 DC AB 0B D0 2C AB 3D 03 32 E5 F0 E6 81 02 63 72 0D 44 43 78 4D 85 2A FA EF BB A8 53 AD 32 B5 C3 2A 6A 8E EC
B1 AC 53 D5 D3 37 B7 8D 20 FB 41 18 E7 F2 0D 55 3D 98 4A 90 08 00 5B 8C 49 5B 9E

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 32 66 96 A1 E7 1A FD 99 9C C2 8F EE B6 F3 0A DB 7C 4A 10 49 90 A5 D6 E0 B5 46 C7 0A 80 C5 58 B2 F6 E6 D8 B4 58
D0 1D 75 20 AA EC C7 A4 EB 14 95 FB F0 A3 E2 13 0E 32 3F D2 0A AD A1 F1 4D F7 02

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

5A 29 5A 93 9F 22 46 27 FB 4D ED FF BF 5D E1 2F 54 48 9A 96 97 ED F1 B6 D7 A0 BC E3 34 3B 81 38 D9 7A AA 1A 51 18 2D 84 91 F6
0D E8 4E 1A FB BE 6E 97 63 D1 75 12 06 9A 9F FB 89 01 94 94 6F 1C 78 5B 4E FC D0 99 8E BA FB 20 A0 B5 04 90 2E 91 00 74 8E 2C
83 8D 5D 27 E3 84 37 5A 27

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 00 A0 25 71 B9 A9 2A 69 3E 23 35 F4 64 11 6D CE 9D 3C D5 05 71 54 14 A3 C0 26 7E A8 EF 92 51 70 5F 91 AC F5 E2 ED 72
 85 11 0C A4 65 4D 12 43 1C 4A 95 C0 4D 88 30 69 CE DF 6E 5B 68 80 07 20 C8 68 70 52 F9 E1 B4 5D 2E 51 65 CD A1 80 E3 CC EE B2
 53 54 93 6C 62 0A C1 33 C6 2E 16 D6 76 EF 61 38 ED F2 C4 F7 13 BE 17 3B BF 2D C8 58 EC 6A 74 A5 A3 F3 A2 6A 0A 40 90 00 4B 39
 DB DA E1 01 A3 F9 33 89 4B D5 DC E4 DF D5 C4 08 BD F4 CA EC 00 6B 53 70 99 6C 16 FA 4C 2D 1C 43 9B A4 AE F6 D3 84 9F 17 03 03
 00 A0 8B 3E DE 30 11 43 5F AF 74 CE 2F 4F 84 01 17 E9 76 94 DB 02 9E DE A7 48 86 B9 49 2C 30 8E 17 EF 7D E3 3D 02 E3 0C 16 D0
 4A AA 17 AE 13 2A 59 FB B9 CE 5D EA 7B 88 3F 0C 19 71 CA B2 98 10 B2 A3 B4 3D 6F

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 227

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =93
 Channel Data

97 59 40 FA 0A 17 8E FD CA BE 58 74 D8 C8 BA C0 83 7A 96 6C 67 2B 79 C8 52 06 F0 9E 8C FD FE 66 9D 70 3A 4B 4F C1 10 12 07 2E
 20 5E 73 60 F1 7A 87 A6 49 50 92 AC E6 B0 ED 12 9B 9A 99 3A E8 60 ED 3C 8B ED 56 AD 08 2F 92 D1 13 A3 90 8F 50 42 91 43 A1 F0
 18 9A 3E F4 61 A9 0D AB 7B

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 134

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 134

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =134

Channel Data

17 03 03 00 A0 C9 BE 4A 4A 7C DC E0 20 3F 5B AC 66 BB D5 2B 55 70 1E 97 B5 F1 8B 85 B4 AF 8C 9B DC 97 39 0C C2 36 18 25 DB 0D
 D3 FD 3C 83 EB C3 8B CC B4 43 3F 52 35 0E 27 19 3C 03 34 2C 1B D2 A7 BA CF A6 77 FC EF AC F7 2E B0 59 9B 54 1A 41 48 41 6E 9E
 71 89 33 26 38 AE C5 4A 28 CD 41 B3 11 B1 CC 67 E8 5D 19 4E 6B F8 A7 47 2E A2 BA 37 23 E9 84 9F 44 BE A5 29 AB C6 EC AE C5 56
 48 E0 DE 62 38 34 D5 49

Channel Data Length, Tag = '37', Length =1

Channel Data Length 0

← 9000 Normal Ending Of The Command

→ ENVELOPE Event Download

Event Download, Tag = 'D6', Length =14

Event List, Tag = '99', Length =1

Event List Item Data Available event

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Channel Status, Tag = 'B8', Length =2

Byte 3

Channel Identifier 1

RFU 0 0 0

Status Link established or Packet data service activated (or) TCP in ESTABLISHED state

Further Info No further info can be given

Channel Data Length, Tag = 'B7', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ FETCH

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ TERMINAL RESPONSE Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

6C 20 E3 5A F8 0C 0D D8 0E 01 79 94 BB 0B B1 F4 71 87 7F 6C D4 8D 61 2F E2 4E B8 96 41 FF E7 17 03 03 00 A0 A9 52 75 9E 08 B3
 74 A6 29 C0 57 8D 5F AA E2 57 3E 28 10 F8 43 AF A6 88 41 09 C8 A8 87 5A 35 2B 4B 51 D1 A0 46 28 E0 B4 EA AF 78 9E 39 99 65 76
 2D 63 58 FA 71 38 DA 6A 65 B9 35 64 17 E9 B8 12 17 ED FA 40 9E E6 D8 B3 FB D4 89 81 60 11 F0 8A BB 3B DE 63 B8 47 C6 1D A4 A8
 15 36 EB E6 ED 04 54 0F 36 85 61 DA E9 6B 96 FC 15 DD 72 72 DE 44 BA 85 0E DF C1 53 F2 C2 7D E7 89 21 F2 7E A7 DC 1A 18 AB 14
 8E 90 5B 96 B3 34 A3 AA 92 29 5C 3E 63 72 03 3E 0C 74 C6 A4 DE 47 8F 53 D7 2F 01 0E 17 03 03 00 A0 4B F3 B0 84 22 22 85 CF 22
 C4 7B 85 5E 6F 58 F5 44 31 1F 3B 4A EC FD 67 72 8E 6B 3E 98 BF D7 6E FA DF 89 32

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ FETCH

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **124**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =124
 Channel Data

3C D5 DA 45 D4 AA 26 75 07 91 AC 29 4C 30 93 C7 68 12 3A E3 76 3F 88 36 63 67 DE 3E 63 DC 3B AA C8 DE AF 0C F2 C1 4D 4D 73 C4
 F2 F7 20 26 84 46 EF A5 EE A6 87 4B C0 E3 00 A4 DB 0D 5A 43 F8 E2 5C AF 14 23 B6 1C E9 0C 00 17 75 25 6C 26 D0 F6 7D E0 5C AC
 61 D3 D2 87 8C D8 7D 9C FF B2 28 FA 66 6C 1A D6 C4 E0 5D 54 0A A1 5D 53 B6 11 B4 A5 A2 8A 68 BC 5F 2D 7A 78 0D 24 BC B7

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **205**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **205**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =205
 Channel Data

17 03 03 00 A0 8D 24 10 5C 6B CB 66 EE E9 BA DF 91 1B 94 0D 83 62 3B 29 0C E2 91 F7 C4 8F D7 72 12 A1 47 57 F8 E5 D8 15 63 F1
 32 CE 27 66 9D 91 A7 46 6C 21 B7 A6 98 2C 4B 9F 56 55 CA 58 9D DD 34 24 E0 3A C6 A2 6A 5C 04 F6 4A 4A 3A B1 4B ED 23 4A 6E 85
 A3 64 E0 02 CC 82 68 37 9E BD A6 51 B8 8A 4D C8 FC 7D B5 33 1B DF 13 20 CB 2E 6F 46 33 67 C0 E7 C2 C6 0C 38 0D CD DA 1E 70 8E
 41 06 D9 4F 15 7E DC 1E 93 81 E6 95 B2 AD 82 CF 32 13 BC 43 E3 99 F4 6A D0 35 8D 6A 16 87 BD 11 19 A4 11 30 8E 8C 60 17 03 03
 00 A0 D1 41 7B 17 20 A3 34 69 9F FE 3B 4F DC 3F 0A 34 A8 BB 9A 42 26 5A 7D E1 44 A4 95 7F 96 A5 A5 EA A3 95 C5

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **0**

← **9000 Normal Ending Of The Command**

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =14

Event List, Tag = '99', Length =1
 Event List Item **Data Available event**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Channel Status, Tag = 'B8', Length =2

Byte 3

Channel Identifier **1**

RFU **0 0 0**

Status **Link established or Packet data service activated (or) TCP in ESTABLISHED state**

Further Info **No further info can be given**

Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length **255**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

52 D8 8B 18 3D A9 F5 7B F3 3F 27 8D FF 23 2A B5 9A 15 21 1B 16 60 78 87 7B 1E 0E 08 1D 66 8E D1 1D DD 15 EA 5A C8 6C 4D 13 A2
 EC EC 3D 82 1B 91 79 75 8E 24 F6 63 F0 9C 26 AE B8 FC 99 50 A0 65 A6 0A 9D CC 5C 01 DA 73 F4 20 A4 B6 BD C5 E8 75 9D 56 D2 4A
 89 9B 54 71 D6 6B AF D6 DE 39 9A 41 52 13 D1 76 40 DB 41 F2 0E F4 46 4F 32 31 55 60 3E 87 3D 01 B6 B4 98 40 7F C0 67 6A 46 17
 03 03 00 A0 EE 86 EA 7E 24 AD BD 26 03 83 30 B0 6E 18 9A 0A 61 8C 0F 0B BD 76 0E FE 58 D3 4C F8 68 DC 9F 18 A2 A5 47 58 A0 D6
 96 D2 16 22 C8 AB 18 BB 4E AB 72 A4 8A DF 18 AF 24 7D EF 17 9C CF 65 43 6E AB DA ED BA DE 86 DC 3F 7F B7 E9 B2 50 F9 75 4B D9
 DC BF BC FA C7 88 FB BA 78 73 2C B7 AE 36 21 68 DC 0D A6 71 56 EA 6E 81 73 EC B5

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 53

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =53
 Channel Data

88 91 92 BA F8 D9 09 68 97 E9 8D B9 B4 AA F4 03 DC A5 B3 4B 5E 4A 59 84 EB 0F 79 2F CC 8A CA 86 77 E2 17 4F 39 A6 62 ED C4 43
 A0 82 37 73 27 94 78 FC 16 30 3A

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Channel 1
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1
 Type of command Receive Data
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 00 A0 CA 8C 98 E5 5A EC 4D BC B7 78 F2 6C 7F 0A DB 6C EF A2 4B 59 52 C2 A6 34 00 31 EA 31 35 59 40 8C 22 AA 4F A4 E7
 CA D5 C9 DB 38 E3 1D CF F6 FC 80 E0 2E 43 71 AC A4 05 E7 31 D2 B0 AC 6B C9 D0 F7 0A E2 29 C9 E9 02 28 6E 6A 91 1E 6E 7A CA C9
 71 F8 D0 79 66 BB 8F 8A C4 87 D4 DF D1 EE 97 7E 99 7A 98 BA 73 2D 6B F6 B6 74 54 CB 89 0F C8 36 F5 C6 94 49 74 9D 4C E9 C3 6D
 1D C1 F1 E6 EF A4 00 43 19 83 35 2A 0D 2E A9 29 1E DC 36 C1 E1 B8 08 F7 BA 84 4E EC 6C FC 09 85 82 05 DB 35 4F 97 A2 17 03 03
 00 A0 23 62 70 D1 A9 C4 E7 5A 90 D2 FF F9 9E 99 A3 4A 4F F6 D2 A4 31 C4 95 81 9E C3 78 CD 3C 8A 23 53 F4 AD C1 6C E0 F5 48 B3
 5B CF A5 2C 45 2E 73 8A 69 8C 2A 5C 61 B3 13 EE F5 55 8D 63 A4 8F 26 6E 9E 8D 04

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ FETCH

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 C9 DF 19 81 18 9D 70 A1 6C 12 AD 9D D0 14 9B C8 16 69 DB 48 C5 23 D5 64 9E 98 CD 41 7A 00 38 2F 79 74 85 C7 4B
 C6 95 F9 09 9E 1D 06 CC F8 7A 6B 32 C1 B8 6A CF 5A 59 9A 9B 02 72 66 4D E7 42 FF

→ TERMINAL RESPONSE Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ FETCH

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ TERMINAL RESPONSE Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

52 19 B4 67 93 74 AC 17 48 C5 4D 52 6E 0A 70 70 56 01 8A B3 0B D8 95 1F D4 2C 7E 0E A5 D2 5C B0 8F 25 70 EA 5A 11 A8 42 7C 59
FE 7C 7E 90 C8 25 4E 07 D6 75 E8 F4 00 15 92 0E C6 78 16 37 11 21 CB 04 46 CA 64 15 FF B1 31 88 63 BC AA C5 54 EF A3 98 57 12
04 F2 48 6C 77 53 A6 A1 08

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 C3 AA 19 64 B2 AE 47 BD DC 1A 69 F6 BE 36 3D 4A 6D 8B 73 8F C8 07 99 2D BF 51 71 CE FB ED A6 51 1C 4E 83 9C 5F
19 8D D9 69 B8 06 D3 36 AD 3F E3 66 FE FA 14 41 8F 73 32 06 44 88 89 9D 04 E4 54 7B 90 B9 83 29 53 03 5C 02 B4 D2 48 43 36 4E
C6 5F 66 8E 58 9F F3 6D 7D 4B FD 2C 57 B8 E8 27 4E C0 60 7B 83 D2 29 38 DB 5E 2A 06 5E BC CC E1 21 98 AF 74 6D D3 E9 1D 94 DB
CD 24 4D 85 B8 55 9B 80 67 71 D1 48 BC 24 C6 83 28 A1 34 98 F9 37 55 E9 72 5C E9 D5 23 BB A1 5E 5D A8 51 F7 A1 F5 11 17 03 03
00 A0 24 FF 37 F2 76 CD D3 22 4D 2A D8 9F D6 F3 E4 82 24 46 7C A8 DF 28 33 25 C8 85 37 63 21 24 82 10 63 71 BA 1B 99 96 A1 96
88 86 F7 9F F6 FA B0 CA 9D CF F9 EC 9D 07 DB 04 11 89 55 53 A7 B1 95 B6 DD F1 96

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

82 5F 0C 7B F1 D7 30 EC 56 52 73 1D 90 17 5A 46 F8 57 43 68 09 62 37 D7 0A 59 EB 97 81 8F 98 3B 94 64 B6 56 B8 49 BA E9 C0 BB
BD AA 1F EC 01 18 18 A0 AF 29 90 A6 97 23 F6 C4 98 BD AC D7 BC 52 E8 2A 76 CF 31 CE A9 27 BA 79 C6 71 56 CB FE 4D 93 09 AD 97
03 BD 72 48 9E BA B7 2B 54

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **237**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =237
 Channel Data

17 03 03 00 A0 47 82 AA 0D 43 1E AA E1 9E 2E 9C DF 69 D5 EA FE 78 C3 28 85 68 57 FA B6 02 CF DD AA 09 E5 5A AD 4E D1 DC FD 79
 C0 D2 8E 46 65 2E E4 10 59 6D 80 83 60 2B 0F 30 6E BF 29 08 46 33 E2 F0 7B 2E 19 BD 71 2F 1C 9C 77 E0 9F 84 D1 E7 48 40 92 03
 64 8C 02 53 D7 80 43 80 C3 94 59 19 84 F0 E2 34 41 85 F5 65 C2 0D F6 DF 14 49 36 F1 99 AF 27 1A A3 DC C0 B3 2A 34 ED D6 01 15
 E3 94 19 05 33 DE 3C DD 58 DF 3E 10 98 EF AE 73 73 D1 F0 F5 4F E5 51 57 5A D4 FB 22 EC E3 CD E6 3C A8 39 4C B8 10 4A 17 03 03
 00 A0 B2 83 FE B1 ED 62 45 89 3B 6F 7A E6 0F F7 E8 1B 98 0B D1 C6 4B 4E F5 B7 CC D7 2C 0B A9 54 80 81 9F A4 48 A5 28 6F CE B4
 B9 BB 10 B9 32 98 34 82 23 49 56 14 30 C2 C5 B4 D8 B3 A7 AE 86 FE 79 0F 15 4F 29

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **235**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **93**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =93
 Channel Data

C8 FC 0D 3D DA AB 15 1E D0 2E 5B 18 6E 8C 85 C2 3A 2A 2E 46 E9 62 53 75 A3 42 4B 4B 4C 9F EF 96 AC EC 67 A6 42 48 F3 EA D8 9F
 D7 5E B4 49 DE AF 5A E2 32 C9 48 B4 01 24 5F 02 E6 3D CA 41 11 CE 6B BF 78 B2 25 7A 8F A5 B3 AA 78 16 E8 AD F9 31 78 54 11 AA
 0C B4 63 8C 0E 6C FA 67 2F

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **142**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **142**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number **1**

Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =142
 Channel Data

17 03 03 00 A0 9D 00 03 E6 86 B0 C5 84 CD 71 E6 C5 C3 E4 D4 1D 49 1D 96 46 87 03 B3 E5 47 20 AD 85 53 0E 43 A5 50 25 28 12 B3
 46 B6 A0 AD FB 04 66 29 72 0F D7 E6 1C 7A C5 F8 90 96 CB 44 E6 4F 89 90 09 50 6C DA 67 64 88 50 E0 D8 B6 23 45 09 A0 10 96 32
 79 56 CD A9 E3 18 3A A5 5F FD A0 9F CB B8 0E F5 88 52 CA C8 A8 92 3C DA 5D 91 F5 5C BD 5A 87 D1 41 C1 20 12 C7 76 F6 26 39 0A
 DF DE 89 87 4A 1F 36 E0 15 62 FF 94 64 A9 4E A5

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **0**

← **9000 Normal Ending Of The Command**

→ **ENVELOPE Event Download**

Event Download, Tag = 'D6', Length =14
 Event List, Tag = '99', Length =1
 Event List Item **Data Available event**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Channel Status, Tag = 'B8', Length =2
 Byte 3
 Channel Identifier **1**
 RFU **0 0 0**
 Status **Link established or Packet data service activated (or) TCP in ESTABLISHED state**
 Further Info **No further info can be given**
 Channel Data Length, Tag = 'B7', Length =1
 Channel Data Length **255**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**
 Channel Data Length, Tag = '37', Length =1
 Channel Data Length **237**

→ **TERMINAL RESPONSE Command performed successfully**

Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 Channel Data, Tag = '36', Length =237
 Channel Data

47 E8 C9 09 6A 75 59 1D 26 46 48 3A EE 6A 84 39 2F 83 17 D0 94 74 9B 17 03 03 00 A0 B4 FB E2 0F EF 17 9D 18 23 3A 2E EC 2F 7B
 9B 1E C6 74 FC B1 02 51 47 28 4A 3D 2D 16 58 17 11 6A 96 2E 48 AF 6D CC BE 94 5A 3B 2F C2 E9 A0 5E DC FF 61 46 AC 46 6F A1 CD
 C6 13 83 BC AC 72 AE 7D 12 42 78 0B 7A 49 75 F1 6F 88 8B F9 6A 78 BD 7E 18 C3 EB B0 C0 46 C4 F7 70 8E 79 B9 DB 81 2A DF CB 2B
 9B 9A D0 C9 90 8A BE A7 95 B5 47 D0 EC 9F 84 8B 22 46 E6 EC 14 69 F4 F3 AD F0 43 05 15 D4 7E 87 56 C9 BB 60 F6 EB 7A 1B B8 86
 BF 35 56 69 4D F8 59 DA 38 12 80 EB C0 FF ED D9 34 50 40 4B 17 03 03 00 A0 3C CB DC 1A 4D 90 93 A7 C1 34 C3 13 A7 44 9E EE BA
 E9 4D 9B 27 9D 63 44 98 2B A7 DA 53 7E 5F 94 22 CF FB DE 26 6C 22 40 42 A1 15 23

Channel Data Length, Tag = '37', Length =1
 Channel Data Length **255**

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Receive Data**
 Command qualifier **RFU**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Channel 1**

Channel Data Length, Tag = '37', Length =1
 Channel Data Length 116

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =116

Channel Data

09 30 BD 47 1C 23 72 30 B2 79 93 0C EE D7 EB 80 10 E0 82 F5 40 05 11 3F B5 F7 E5 F4 7D 9E 1B D8 21 E1 B6 09 03 45 2C 1C 05 C9
 FE 0A 84 7D E3 B2 C1 D9 A9 8B 2A 48 37 43 12 5B AF F6 21 DA 89 D6 0D 64 63 57 4A 92 57 88 96 D4 3F 0B A8 0D 95 27 A4 34 C7 3C
 ED E3 7C 41 DD 6E 1B C5 38 3F 4E B0 B3 86 E1 19 37 51 45 90 2A E6 26 C3 68 1A F8 BD 07 42 5D 92

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 54 C3 18 2F 0F 2B 23 11 7B 0C 54 82 12 55 C2 B8 91 BC 1A AB 99 94 18 4D 7B 2E 1C 56 1A 28 DE 73 05 1E D6 13 18
 FC A9 9B 9A 63 89 2B 41 98 B3 4F AE CC 6B A0 5B 8E 32 C4 25 DD C8 48 90 6E 97 D3 FA A9 6E C6 73 3E 74 FD E0 4E BA 76 3D 45 3D
 01 03 41 23 83 C7 82 18 C8 28 F4 17 17 C5 ED EA 0B 93 18 DC F4 9B 41 E0 FB C7 22 03 A6 A3 7E 64 21 C4 07 FF A0 76 CD 7F 36 B2
 B2 C6 C0 98 A6 EF 26 96 AA 63 8A BA DF 13 E7 33 47 1B 5A F0 18 D4 7D 95 BC 17 AF BD 1C F2 15 F5 20 2B 2E 02 90 99 CA 17 03 03
 00 A0 CD 33 74 95 8A 9D 66 92 89 34 B6 FF BD B5 AA 1B B5 D5 7D CE 04 2E 0E 53 4B BC 38 16 8D 73 F3 17 E8 48 6E C6 5D E3 9A D6
 AF 10 66 84 75 77 88 58 11 A3 2A E3 77 3A 61 87 7B B8 D1 3A 19 BF 93 29 17 A2 F1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data, Tag = '36', Length =93

Channel Data

00 12 F9 2F 8E 20 D7 4F D7 84 A0 3D 1A C1 02 99 98 EF 9E 08 E1 9C 83 5C 08 A9 74 C1 4F 61 56 5B 63 82 F0 58 93 8C ED 85 FF B0
F1 86 8B 7C 6D F9 AD 4D 5C C6 10 11 C3 EE 05 E9 FD 2E 2F D7 25 B1 03 2E 6F 64 FD BD ED 81 2D FC 6C 13 48 A2 D9 4D 53 C7 E9 12
77 D2 A9 CF 30 24 45 C4 14

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 8D 10 FB 6E C7 A7 64 EF 97 D2 83 23 5A EB 4C 09 48 F5 E3 4D 00 02 DD 94 C2 CB 14 8F B6 D9 24 E9 12 49 B9 A0 01
DD 7D 68 72 D1 29 67 45 8E 53 A5 5B 36 22 0F 48 B7 FE 2C BF 07 9D B1 5B CF 81 14

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 237

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Receive Data**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data, Tag = '36', Length =237

Channel Data

17 03 03 00 A0 C8 73 0E 36 26 0D B8 DC 44 27 7A EC D8 8A 97 37 31 1D 82 5B C7 05 F7 A7 D4 1C 7B 3D 4B 11 CD C7 40 B7 34 21 B6
33 9A 3E 92 6B F4 EC 75 D3 A3 46 C3 4E 6A 7C 10 70 37 CF ED FC BA AA FE 98 CC 1C 34 17 47 75 B6 10 1B 0D 92 48 F1 36 C9 5B DC
56 42 E2 55 55 1F 57 AE 8B 1E 65 ED 71 99 4C EB F2 19 78 AE A5 80 D2 D3 E2 D4 9C BF 1D C7 ED 33 34 2C 70 8F 85 B6 6F 8C 29 57
83 BF 84 43 41 D6 73 00 58 3D 88 F5 FE 09 99 B5 D1 F7 01 76 40 C4 DD 9B 26 C0 32 1D C6 BF 47 74 00 96 2C F1 B1 0B 82 17 03 03
00 A0 83 1B 13 45 C8 8D 4A 22 68 55 36 31 05 72 7C 8D 55 51 F2 74 0C C9 BE 0D 36 BB 8A 86 63 45 D3 56 49 42 19 93 F7 F5 69 FB
CD FB CF F9 96 E9 1E 4E 67 36 FC 1E 8B 7D DA 6C 34 B1 05 EF 2C 0A 59 D0 7B 50 EE

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes

→ **FETCH**← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 93

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =93

Channel Data

B3 73 0E C2 20 C9 B4 BB F9 C6 FA 81 62 C8 3B 63 FB C6 78 03 AF FF 68 B4 3F E3 71 CE 30 F2 CF 39 E4 A4 5E EA AB B8 68 3D F5 FE
 8A E9 57 ED C0 6D 5C B7 E2 3E 0C 91 8D 63 88 70 E2 02 CD 3C 00 BA 27 ED F8 56 D4 9C 0C DE 94 04 E2 E1 96 2F A2 65 83 2E 5B 7E
 67 CE 59 87 1E B9 FF 1E 27

Channel Data Length, Tag = '37', Length =1

Channel Data Length 234

← **910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes**→ **FETCH**← **9000 Normal Ending Of The Command** Receive Data

Receive Data, Tag = 'D0', Length =12

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Channel 1

Channel Data Length, Tag = '37', Length =1

Channel Data Length 234

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command Receive Data

Command qualifier RFU

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

Channel Data, Tag = '36', Length =234

Channel Data

17 03 03 00 A0 DF 61 6F DF D7 0D B9 09 E8 6A 8E C0 E1 06 D4 A3 AF E9 9D 2A 90 9D 88 1D D4 5F 06 54 A9 45 AB 72 04 46 C6 3F 45
 F8 1E E0 B0 BF 83 4D 4C 0A 29 23 64 1E AD E0 C9 BE 46 6F 5E 87 75 BC F2 36 1B 94 ED 18 5A DC 51 2A 33 35 91 5E A2 5D 22 7D 90
 A3 0C CE 47 35 51 95 34 C7 E7 31 A7 18 2A FF 95 7A 6D 1E BA 5F FD 1D B3 53 2D 44 45 E8 52 35 2C E5 0D 56 2C B6 0B F5 47 74 A6
 23 C3 2E 59 A2 D0 91 85 61 67 87 DE 82 A2 58 CF F2 C8 66 BD 46 79 18 73 D2 D8 14 37 E4 51 48 2C C6 58 5B ED 57 B4 03 17 03 03
 00 40 39 D7 83 F7 7E BE C2 78 67 F4 5F CD 30 D1 DB 06 AE FD F7 D5 E1 DC 4C 5D 28 82 F6 06 58 CE E6 08 E6 EE 69 AE C5 BF 2E 0C
 FB 7D 47 DF 77 EB 40 CA 40 E2 7E DE 0F E8 D1 09 63 85 08 F0 B8 77 D9 97

Channel Data Length, Tag = '37', Length =1

Channel Data Length 0

← **9172 Normal Ending Of The Command, Proactive Command waiting, 114 bytes**→ **FETCH**← **9000 Normal Ending Of The Command** Send Data

Send Data, Tag = 'D0', Length =112

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Data

Command qualifier

Send Options Send data immediately

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity **Channel 1**
 Channel Data, Tag = '36', Length =101
 Channel Data

17 03 03 00 60 07 57 8C FD 27 51 6E CC AC 6C 33 D7 C0 D6 B8 7D 33 40 B5 2F 15 10 63 0B A4 07 63 EE 21 C2 89 A8 61 29 59 C1 38
 7D 99 5E B0 3A 33 8D B2 02 3E 10 5A 21 69 C6 E4 D3 17 BF A0 95 F7 D4 3B 7E 85 E1 0C CA 3B 43 BF 50 B1 01 1C 54 B2 22 A7 C5 A1
 30 89 6A 73 57 30 56 BA 41 B4 7C 85 65 C3 3C EB 69

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 65 EA D3 E4 4F F1 9B 9C ED 7C B3 A1 78 6E 88 79 01 31 61 82 F4 DA C2 A5 F7 D2 C0 8A A9 F2 72 20 0E B2 B6 E2 6F
 68 76 D2 13 71 C6 DC CD 3A BD 74 08 EC F5 1C D1 05 1A 69 AC A2 C5 BC 00 F7 29 DC

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **ME**

Destination device identity **UICC**

Result, Tag = '83', Length =1

General result **Command performed successfully**

Channel Data Length, Tag = '37', Length =1

Channel Data Length 255

← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Data

Send Data, Tag = 'D0', Length =80

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

Send Options **Send data immediately**

RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity **UICC**

Destination device identity **Channel 1**

Channel Data, Tag = '36', Length =69

Channel Data

17 03 03 00 40 C1 97 F8 53 6D AB B6 CD 8E DD 92 1E A0 FF 3F EF 8E 35 85 85 73 36 30 8B 76 BE D7 60 47 9F 6E 6C 75 4E 0A 2C 30
 56 53 0E DC 0B B9 FA 09 A2 20 CF 0E FD 29 4A 9B B1 EF 2B 50 86 91 CC C8 77 CA 1C

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number 1

Type of command **Send Data**

Command qualifier

```

    Send Options Send data immediately
    RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
    Source device identity ME
    Destination device identity UICC
    Result, Tag = '83', Length =1
    General result Command performed successfully
    Channel Data Length, Tag = '37', Length =1
    Channel Data Length 255
← 9000 Normal Ending Of The Command
→ ENVELOPE Event Download
    Event Download, Tag = 'D6', Length =14
    Event List, Tag = '99', Length =1
    Event List Item Data Available event
    Device identities, Tag = '82', Length =2
    Source device identity ME
    Destination device identity UICC
    Channel Status, Tag = 'B8', Length =2
    Byte 3
    Channel Identifier 1
    RFU 0 0 0
    Status Link established or Packet data service activated (or) TCP in ESTABLISHED state
    Further Info No further info can be given
    Channel Data Length, Tag = 'B7', Length =1
    Channel Data Length 197
← 910E Normal Ending Of The Command, Proactive Command waiting, 14 bytes
→ FETCH
← 9000 Normal Ending Of The Command Receive Data
    Receive Data, Tag = 'D0', Length =12
    Command details, Tag = '81', Length =3
    Command number 1
    Type of command Receive Data
    Command qualifier RFU
    Device identities, Tag = '82', Length =2
    Source device identity UICC
    Destination device identity Channel 1
    Channel Data Length, Tag = '37', Length =1
    Channel Data Length 197
→ TERMINAL RESPONSE Command performed successfully
    Terminal response
    Command details, Tag = '81', Length =3
    Command number 1
    Type of command Receive Data
    Command qualifier RFU
    Device identities, Tag = '82', Length =2
    Source device identity ME
    Destination device identity UICC
    Result, Tag = '83', Length =1
    General result Command performed successfully
    Channel Data, Tag = '36', Length =197
    Channel Data
    17 03 03 00 C0 85 6A CB 48 67 CB 82 D5 17 E9 41 24 04 78 83 96 87 56 3F 5F 38 AC 57 7E CD B6 76 23 7B 78 76 8E 57 0E E2 D4 CE
    E5 5C 24 A2 9D 39 E3 5A FA 69 07 45 33 CD 71 2D AF B7 6B 68 11 11 E6 BC A8 7F 5A E1 DB 0D 8A A3 F5 75 2F BC 73 99 5B 52 5D 7C
    ED 29 58 09 E2 16 1C 6C 0A 8F 96 EA 60 D5 A0 33 41 9B 61 7C DC 50 BC 5A B8 87 61 F6 73 5D 8D 93 2E 6C 08 4B D5 06 66 83 A0 73
    61 6A 9F 0C F8 44 5E CC 42 69 8E F2 44 41 23 7B 89 28 AB A6 54 F7 6A AF 1B A2 C5 F0 5C 16 69 C8 96 23 30 E0 48 02 A4 34 D4 6D
    55 06 B8 5F FF 9D C6 73 B2 EA 7C 7C 15 1E F3 44 45 22 D5 C8 27 D1 6B 1D 4F B6 D4 96 A1
    Channel Data Length, Tag = '37', Length =1
    Channel Data Length 0
← 9152 Normal Ending Of The Command, Proactive Command waiting, 82 bytes
→ FETCH
← 9000 Normal Ending Of The Command Send Data
    Send Data, Tag = 'D0', Length =80
    Command details, Tag = '81', Length =3
    Command number 1
    Type of command Send Data
    Command qualifier
    Send Options Send data immediately
    RFU 0 0 0 0 0 0
    Device identities, Tag = '82', Length =2
    Source device identity UICC
    Destination device identity Channel 1
    Channel Data, Tag = '36', Length =69
    Channel Data
    15 03 03 00 40 EF FE FB 31 19 3C BF 36 DC 85 A5 E1 E6 53 C9 88 D8 67 5E EC 99 9A C1 08 C3 EE 52 DD EA 4D 4C 0C 87 DB C2 92 24
    33 E2 CC 56 72 4E 21 DA FA A7 67 4D 3A 30 53 37 F5 F0 1A AB 32 CD A7 D9 99 18 73
→ TERMINAL RESPONSE Command performed successfully

```

```

Terminal response
  Command details, Tag = '81', Length =3
    Command number 1
    Type of command Send Data
    Command qualifier
      Send Options Send data immediately
      RFU 0 0 0 0 0 0
  Device identities, Tag = '82', Length =2
    Source device identity ME
    Destination device identity UICC
  Result, Tag = '83', Length =1
    General result Command performed successfully
  Channel Data Length, Tag = '37', Length =1
    Channel Data Length 255
← 910B Normal Ending Of The Command, Proactive Command waiting, 11 bytes
→ FETCH
← 9000 Normal Ending Of The Command Close Channel
  Close Channel, Tag = 'D0', Length =9
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Close Channel
      Command qualifier RFU
    Device identities, Tag = '82', Length =2
      Source device identity UICC
      Destination device identity Channel 1
→ TERMINAL RESPONSE Command performed successfully
  Terminal response
    Command details, Tag = '81', Length =3
      Command number 1
      Type of command Close Channel
      Command qualifier RFU
    Device identities, Tag = '82', Length =2
      Source device identity ME
      Destination device identity UICC
    Result, Tag = '83', Length =1
      General result Command performed successfully
← 9000 Normal Ending Of The Command
→ UPDATE BINARY
  Offset 0
  START_CS '000002'
  START_PS '000006'
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ UPDATE BINARY
  Offset 0
  START_CS '0FFFFFF'
  START_PS '0FFFFFF'
← 9000 Normal Ending Of The Command
→ SELECT 7FFF - USIM
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File 7FFF - USIM
← 612A Get Response request, 42 bytes available

```


→ GET RESPONSE

Le 42

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type DF or ADF

File Accessibility Shareable file

Data Coding Byte 21

DF Name, Tag = '84', Length =12

DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 2F 06

Record: 7

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) Disabled

ADM1 (0A) Enabled

Second PIN Appl 1 (81) Enabled

Key Reference, Tag = '83', Length =1

Key Reference Value PIN Appl 1 (01)

Key Reference, Tag = '83', Length =1

Key Reference Value ADM1 (0A)

Key Reference, Tag = '83', Length =1

Key Reference Value Second PIN Appl 1 (81)

→ AUTHENTICATE 3G context

Authentication Context 3G context

Length of RAND (L1) 16

RAND 'EC 93 1A 15 95 C5 43 9F 36 24 D8 65 FA BD FE BD'

Length of AUTN (L2) 16

AUTN '73 68 DD C5 D1 42 80 00 87 B5 0B 74 05 A1 76 8E'

← 6135 Get Response request, 53 bytes available

→ GET RESPONSE

Le 53

← 9000 Normal Ending Of The Command

Successful 3G authentication tag 'DB'

Length of RES (L3) 8

RES 'E7 44 17 DB FE AD 0A FB'

Length of CK (L4) 16

CK 'EA 39 30 0D 04 B4 08 F1 29 BD 5A BB 7C FB 47 9D'

Length of IK (L5) 16

IK '6C 87 D4 72 37 42 EC 92 C9 43 65 AB 0B C5 D6 04'

Length of Kc 8

Kc '66 40 DB 6F 44 C8 75 FA'

→ ENVELOPE SMS-PP data download

SMS-PP data download, Tag = 'D1', Length =95

Device identities, Tag = '82', Length =2

Source device identity Network

Destination device identity UICC

Address, Tag = '06', Length =7

Type of address field

MSB 1

Type of Number International

Numbering plan ID ISDN/Telephone

Dialling number string 447797704094

SMS TPDU, Tag = '8B', Length =80

SMS TPDU

First Octet

TP Message Type Indicator SMS DELIVER

TP More Messages To Send No more messages are waiting for the MS in this SC

TP Loop Prevention The message has not been forwarded and is not a spawned message

RFU 0b

TP Status Report Indication A status report shall not be returned to the SME

TP User Data Header Indication The beginning of the TP UD field contains a Header in addition to the short message

TP Reply Path TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER

TP Originating Address

Address Length 12

Type of Address

Numbering plan identification ISDN/telephone numbering plan

Type of number International number

Address Value 447937405211

TP Protocol Identifier (U)SIM Data download

TP Data Coding Scheme

Data coding/message class

Message Coding 8 bit data

Message Class **Class 2 (U)SIM specific message**
 TS Service Centre Time Stamp **Year: 19, Month: 05, Day: 14, Hour: 07, Minute: 55, Second: 46, Time Zone: +60minutes**
 TP User Data Length **61**
 TP User Data Header
 Length of User Data Header **2**
 Information-Element-Identifier **(U)SIM Toolkit Security Headers**
 Length of Information-Element **0**
 TP User Data (Secured Command Packet)
 Command Packet Length **56**
 Command Header Length **21**
 SPI '16 39'
 Integrity Level **Cryptographic Checksum**
 Ciphering **Yes**
 Counter Mode **Process if and only if counter value is higher than the value in the RE**
 PoR Mode **PoR required to be sent to the SE**
 PoR Integrity Level **Cryptographic Checksum**
 PoR Ciphering **Yes**
 PoR SMS Delivery Type **PoR response shall be sent using SMS-SUBMIT**
 Klc '12'
 Algorithm **AES in CBC mode**
 Key Indication **1**
 KID '12'
 Algorithm **AES in CMAC mode**
 Key Indication **1**
 TAR '00 00 01' (Allocated by the 1st level application issuer)
 Ciphered Data
 'FE 84 DA FF FB CA 94 B8 F3 F0 D2 B2 87 C7 99 07 EF 31 F4 3E B0 C1 20 47 C1 74 74 7E 13 10 93 E8 B4 FC B9 8B 51 D1 34 F0 4A 7E F4 CA F5 BB 65 71'

← **914D Normal Ending Of The Command, Proactive Command waiting, 77 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Short Message

Send Short Message, Tag = 'D0', Length = **75**

Command details, Tag = '81', Length = **3**

Command number **1**

Type of command **Send Short Message**

Command qualifier

SMS Packing **packing not required**

RFU **0 0 0 0 0 0**

Device identities, Tag = '82', Length = **2**

Source device identity **UICC**

Destination device identity **Network**

Address, Tag = '06', Length = **7**

Type of address field

MSB **1**

Type of Number **International**

Numbering plan ID **ISDN/Telephone**

Dialling number string **447797704000**

SMS TPDU, Tag = '8B', Length = **55**

SMS TPDU

First Octet

TP Message Type Indicator **SMS SUBMIT**

TP Reject Duplicates **Accept**

TP Validity Period Format **TP VP field present - relative format**

TP Status Report Request **A status report is not requested**

TP User Data Header Indication **The beginning of the TP UD field contains a Header in addition to the short message**

TP Reply Path **TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER**

TP Message Reference **'00'**

TP Destination Address

Address Length **12**

Type of Address

Numbering plan identification **ISDN/telephone numbering plan**

Type of number **International number**

Address Value **447937405211**

TP Protocol Identifier **'00'**

TP Data Coding Scheme

Data coding/message class

Message Coding **8 bit data**

Message Class **Class 2 (U)SIM specific message**

TP Validity Period **20 minutes**

TP User Data Length **41**

TP User Data Header

Length of User Data Header **2**

Information-Element-Identifier **(U)SIM Toolkit Security Headers**

Length of Information-Element **0**

TP User Data (Secured Response Packet)

Response Packet Length (RPL) **36**

Response Header Length (RHL) **18**

TAR '00 00 01' (Allocated by the 1st level application issuer)

Ciphred Data

'4F 6E 3A 4B 3E A1 BB 3E C2 18 26 44 93 F4 7E 1D 86 25 51 0E 84 01 9A 7D 84 09 F4 FA FA 3B 8D 70'

→ **SELECT EF_Kc** (GSM Ciphering key Kc)
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Kc** (GSM Ciphering key Kc)

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**
 Le **30**

← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **4F 20**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **UPDATE BINARY**
 Offset **0**
 Ciphering key Kc **'66 40 DB 6F 44 C8 75 FA'**
 Ciphering key sequence number **3**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_Keys** (Ciphering and Integrity Keys)
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Keys** (Ciphering and Integrity Keys)

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**
 Le **30**

← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 08**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 21**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **8**

→ **UPDATE BINARY**
 Offset **0**
 Key set identifier KSI **'03'**
 Ciphering key CK **'EA 39 30 0D 04 B4 08 F1 29 BD 5A BB 7C FB 47 9D'**
 Integrity key IK **'6C 87 D4 72 37 42 EC 92 C9 43 65 AB 0B C5 D6 04'**

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY** EF_START-HFN (Initialisation values for Hyperframe number)

SFI '0F'
 Offset 0
 START_CS '000002'
 START_PS '000006'

← 9000 Normal Ending Of The Command

→ **SELECT** EF_SMSS (SMS status)

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_SMSS (SMS status)

← 6120 Get Response request, 32 bytes available

→ **GET RESPONSE**

Le 32

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =30
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 43
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 43
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 02
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset 0
 Length 2

← 9000 Normal Ending Of The Command

Last Used TP-MR '24'
 SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available

→ **UPDATE BINARY**

Offset 0
 Last Used TP-MR '25'
 SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available

← 9000 Normal Ending Of The Command

→ **UPDATE BINARY** EF_START-HFN (Initialisation values for Hyperframe number)

SFI '0F'
 Offset 0
 START_CS '0FFFFFFF'
 START_PS '0FFFFFFF'

← 9000 Normal Ending Of The Command

→ **SELECT** 7FFF - USIM

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06

Record: 7
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **AUTHENTICATE** 3G context

Authentication Context 3G context
 Length of RAND (L1) 16
 RAND '15 DF 43 33 32 D3 EF CF 48 1A 19 CA EC 34 41 EE'
 Length of AUTN (L2) 16
 AUTN 'EB 53 1F 59 C8 A8 80 00 0A 62 2F 8F 18 CC 4C D4'

← 6135 Get Response request, 53 bytes available

→ **GET RESPONSE**

Le 53
 ← 9000 Normal Ending Of The Command
 Successful 3G authentication tag 'DB'
 Length of RES (L3) 8
 RES '02 1B 8C F0 D6 94 AF FC'
 Length of CK (L4) 16
 CK 'E4 62 E8 9C 98 92 E9 0C 11 60 35 41 C8 44 9A 0A'
 Length of IK (L5) 16
 IK '43 5B D1 21 6E 80 7B 27 9C 8E 45 2A BB C2 23 3E'
 Length of Kc 8
 Kc '2A D7 49 D6 85 94 2B 1F'

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Short Message
 Command qualifier
 SMS Packing packing not required
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 ← 910D Normal Ending Of The Command, Proactive Command waiting, 13 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Refresh
 Refresh, Tag = 'D0', Length =11
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Refresh
 Command qualifier UICC Reset
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity ME
 Alpha identifier, Tag = '05', Length =0

→ **STATUS**

Indication The terminal will initiate the termination of the current application
 Response data No data returned

← 9000 Normal Ending Of The Command

→ **SELECT** USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'

Select Option Selection by DF name
 Activation session control Termination
 Response Data No data returned
 Selection by AID control First or only occurrence
 File USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'

← 9000 Normal Ending Of The Command

Vcc Deactivation

Vcc Activation

→ **Command** '3B 9F 96 80 3F'

Class '3B'
 Instruction '9F'
 P1 '96'
 P2 '80'
 Le '3F'

← 9679 Application specific status word

→ **Command** 'FF 10 96 79 00'

Class 'FF'

Instruction '10'

P1 '96'

P2 '79'

Le '00'

← 9000 Normal Ending Of The Command

→ **SELECT** EF_PL (Preferred Languages)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_PL (Preferred Languages)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 2F 05

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 2F 06

Record: 5

File Size, Tag = '80', Length =2

File Size 00 0A

Short File Identifier, Tag = '88', Length =1

Short File Identifier 5

→ **READ BINARY**

Offset 0

Length 10

← 9000 Normal Ending Of The Command

1st language code en (English)

2nd language code Empty

3rd language code Empty

4th language code Empty

5th language code Empty

→ **SELECT** EF_ICCID (ICC Identification)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_ICCID (ICC Identification)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 2F E2

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 2F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 0A

Short File Identifier, Tag = '88', Length =1

Short File Identifier 2

→ **READ BINARY**

Offset 0

Length 10

← 9000 Normal Ending Of The Command

identification number 8944500805172031815

→ **TERMINAL PROFILE**

Terminal Profile

Byte 1: Download

Profile download **Yes**
 SMS PP data download **Yes**
 Cell Broadcast data download **Yes**
 Menu Selection **Yes**
 Bit = 1 if SMS-PP data download is supported **Yes**
 Timer Expiration **Yes**
 Bit = 1 if Call Control by USIM is supported **Yes**
 Bit = 1 if Call Control by USIM is supported **Yes**

Byte 2: Other

Command result **Yes**
 Call control by USIM **Yes**
 Bit = 1 if Call Control by USIM is supported **Yes**
 MO short message control by USIM **Yes**
 Bit = 1 if Call Control by USIM is supported **Yes**
 UCS2 Entry supported **Yes**
 UCS2 Display supported **Yes**
 Display Text **Yes**

Byte 3: Proactive UICC

Display Text **Yes**
 Get Inkey **Yes**
 Get Input **Yes**
 More Time **Yes**
 Play Tone **Yes**
 Poll Interval **Yes**
 Polling Off **Yes**
 Refresh **Yes**

Byte 4: Proactive UICC

Select Item **Yes**
 Send Short Message **Yes**
 Send SS **Yes**
 Send USSD **Yes**
 Set Up Call **Yes**
 SetUp Menu **Yes**
 Provide Local Information (MCC, MNC, LAC, Cell ID & IMEI) **Yes**
 Provide Local Information (NMR) - in 3GPP terms, this indicates support for GERAN **Yes**

Byte 5: Event Driven Information

Set Up Event List **Yes**
 MT Call Event **Yes**
 Call Connected Event **Yes**
 Call Disconnected Event **Yes**
 Location Status Event **Yes**
 User Activity Event **Yes**
 Idle Screen Available Event **Yes**
 Card Reader Status Event **No**

Byte 6: Event driven information extensions

Language Selection Event **Yes**
 Browser Termination Event **No**
 Data Available Event **Yes**
 Channel Status Event **Yes**
 Access Technology Change Event **Yes**
 Display Parameters Changed Event **No**
 Local Connection **No**
 Network Search Mode Change **Yes**

Byte 7: Multiple card proactive commands

Power On Card **No**
 Power Off Card **No**
 Perform Card APDU **No**
 Get Reader Status (Card reader status) **No**
 Get Reader Status (Card reader identifier) **No**
 RFU **No**
 RFU **No**
 RFU **No**

Byte 8: Proactive UICC

Timer Management (start, stop) **Yes**
 Timer Management (get current value) **Yes**
 Provide Local Information (date, time and timezone) **Yes**
 GET INKEY **Yes**
 Set Up Idle Mode Text **Yes**
 Run AT Command **Yes**
 SETUP CALL **Yes**
 Bit = 1 if Call Control by USIM is supported **Yes**

Byte 9: Misc
 DISPLAY TEXT [Yes](#)
 Send DTMF [Yes](#)
 Provide Local Information (NMR) [Yes](#)
 Provide Local Information (Language) [Yes](#)
 Provide Local Information (Timing Advance) [Yes](#)
 Language Notification [Yes](#)
 Launch Browser [No](#)
 Provide Local Information (Access Technology) [Yes](#)

Byte 10: Soft keys support
 Soft Keys Support for Select Item [Yes](#)
 Soft Keys Support for Set Menu [Yes](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)

Byte 11: Soft keys information
 Maximum number of soft keys available [2](#)

Byte 12: BIP proactive commands, class "e"
 Open Channel [Yes](#)
 Close Channel [Yes](#)
 Receive Data [Yes](#)
 Send Data [Yes](#)
 Get Channel Status [Yes](#)
 Service Search [No](#)
 Get Service Information [No](#)
 Declare Service [No](#)

Byte 13: BIP supported bearers, class "e"
 CSD Supported by ME [No](#)
 GPRS Supported by ME [Yes](#)
 Bluetooth supported by ME [No](#)
 IrDA supported by ME [No](#)
 RS232 supported by ME [No](#)
 Number of channels supported by ME [7](#)

Byte 14: Screen Height
 Number of characters supported down the ME display [0](#)
 No display capability (i.e. class "ND" is indicated) [No](#)
 No keypad available (i.e. class "NK" is indicated) [No](#)
 Screen sizing parameters supported [No](#)

Byte 15: Screen Width
 Number of characters supported across the ME display [0](#)
 Variable size fonts supported [No](#)

Byte 16: Screen Effects
 Display can be resized [No](#)
 Text Wrapping Supported [No](#)
 Text Scrolling Supported [No](#)
 Text Attributes supported [No](#)
 RFU [No](#)
 Width reduction when in a menu [0](#)

Byte 17:
 TCP, UICC in client mode, remote connection [Yes](#)
 UDP, UICC in client mode, remote connection [Yes](#)
 TCP, UICC in server mode [No](#)
 TCP, UICC in client mode, local connection (i.e. class "k" is supported) [No](#)
 UDP, UICC in client mode, local connection (i.e. class "k" is supported) [No](#)
 Direct communication channel (i.e. class "k" supported) [No](#)
 E-UTRAN [No](#)
 HSDPA [Yes](#)

Byte 18:
 DISPLAY TEXT (Variable Time out) [Yes](#)
 GET INKEY (help is supported while waiting for immediate response or variable timeout) [Yes](#)
 USB (Bearer Independent protocol supported bearers, class "e") [No](#)
 Proactive UICC: GET INKEY (Variable Timeout) [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (ESN) [No](#)
 CALL CONTROL on GPRS [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (IMEISV) [Yes](#)
 Proactive UICC: PROVIDE LOCAL INFORMATION (Search Mode change) [Yes](#)

Byte 19: (reserved for TIA/EIA-136 facilities)
 Protocol Version [0](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)
 RFU [No](#)

Byte 20: Reserved by TIA/EIA/IS-820 [00](#)

Byte 21: (Extended Launch Browser Capability) for class "c"
 WML Browser supported by terminal [No](#)

XHTML Browser supported by terminal No
 HTML Browser supported by terminal No
 CHTML Browser supported by terminal No
 RFU No
 RFU No
 RFU No
 RFU No

Byte 22:
 Support of UTRAN PS with extended parameters No
 Proactive UICC: PROVIDE LOCAL INFORMATION(battery state), (i.e. class "g" is supported) No
 Proactive UICC: PLAY TONE (Melody tones and Themed tones supported) Yes
 Multi-media Calls in SET UP CALL (if class h supported) Yes
 Toolkit-initiated GBA Yes
 Proactive UICC: RETRIEVE MULTIMEDIA MESSAGE (if class "j" is supported) No
 Proactive UICC: SUBMIT MULTIMEDIA MESSAGE (if class "j" is supported) No
 Proactive UICC: DISPLAY MULTIMEDIA MESSAGE (if class "j" is supported) No

Byte 23:
 Proactive UICC: SET FRAMES (i.e. class "i" is supported) No
 Proactive UICC: GET FRAMES STATUS (i.e. class "i" is supported) No
 MMS notification download (if class "j" is supported) No
 Alpha Identifier in REFRESH command supported by terminal Yes
 Geographical Location Reporting No
 Proactive UICC: PROVIDE LOCAL INFORMATION (MEID) No
 Proactive UICC: PROVIDE LOCAL INFORMATION (NMR(UTRAN/E-UTRAN)) Yes
 USSD Data download and application mode (if class "p" is supported) No

Byte 24: for class "i"
 Maximum number of frames supported (including frames created in existing frames) 0
 RFU No
 RFU No
 RFU No
 RFU No

Byte 25: (Event driven information extensions)
 Event: Browsing status (if class "ac" is supported) No
 Event: MMS Transfer status (if class "j" is supported) No
 Event: Frame Parameters changed (i.e. class "i" is supported) No
 Event: I-WLAN Access status (if class "e" is supported) No
 Event: Network Rejection for GERAN/UTRAN Yes
 Event: HCI connectivity event (i.e. class "m" is supported) No
 Event: Network Rejection for E-UTRAN No
 Multiple access technologies supported No

Byte 26: (Event driven information extensions)
 Event: CSG Cell Selection (if class "q" is supported) No
 Event: Contactless state request (if class "r" is supported) No
 RFU No
 RFU No
 RFU No
 RFU No
 RFU No
 RFU No

Byte 27: (Event driven information extensions)
 RFU No
 RFU No
 RFU No
 RFU No
 RFU No
 RFU No
 RFU No

Byte 28: (Text attributes)
 Alignment left supported by Terminal No
 Alignment centre supported by Terminal No
 Alignment right supported by Terminal No
 Font size normal supported by Terminal No
 Font size large supported by Terminal No
 Font size small supported by Terminal No
 RFU No
 RFU No

Byte 29: (Text attributes)
 Style normal supported by Terminal No
 Style bold supported by Terminal No
 Style italic supported by Terminal No
 Style underlined supported by Terminal No
 Style strikethrough supported by Terminal No
 Style text foreground colour supported by Terminal No
 Style text background colour supported by Terminal No
 RFU No

Byte 30:
 I-WLAN bearer support (if class "e" is supported) No

Proactive UICC: PROVIDE LOCAL INFORMATION (WSID of the current I-WLAN connection) **No**
 TERMINAL APPLICATIONS (i.e. class "k" is supported) **No**
 "Steering of Roaming" REFRESH support **Yes**
 Proactive UICC: ACTIVATE (i.e class "l" is supported) **No**
 Proactive UICC: Geographical Location Request (if class "n" is supported) **No**
 Proactive UICC: PROVIDE LOCAL INFORMATION (Broadcast Network Information) (i.e class "o" is supported) **No**
 "Steering of Roaming for I-WLAN" Refresh Support **No**

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

→ **SELECT EF_DIR (DIR)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_DIR (DIR)**

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **38**
 Number of Records **1**
 File ID, Tag = '83', Length =2
 File ID **2F 00**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 26**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **30**

→ **READ RECORD Record = 1**

Record Number **1**
 Mode **Absolute/current**
 Length **38**

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

Application template, Tag = '61', Length =20
 Application Identifier, Tag = '4F', Length =12
 AID **A0 00 00 00 87 10 02 FF 49 FF 05 89'**
 Application label, Tag = '50', Length =4
 Value **USIM**

→ **SELECT USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'**

Select Option **Selection by DF name**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **USIM 'A0 00 00 00 87 10 02 FF 49 FF 05 89'**

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **SELECT MF (Master File)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File MF (Master File)

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 3F 00
 Proprietary Information, Tag = 'A5', Length =11
 UICC Characteristics, Tag = '80', Length =1
 UICC Characteristics
 Clock Stop Allowed? Clock stop allowed
 RFU 0
 Level Information 0 0
 Supply Voltage A Yes
 Supply Voltage B Yes
 Supply Voltage C Yes
 RFU 0
 Available Memory, Tag = '83', Length =3
 Available Memory 04 D6 30
 Supported System Commands, Tag = '87', Length =1
 Supported System Commands
 Terminal Capability Supported Yes
 RFU 0 0 0 0 0 0
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 1
 PIN Status Template DO, Tag = 'C6', Length =9
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 7

PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **SELECT '7F 66'**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File '7F 66'

← **6A82 File not found**

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le 42

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 7
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **SELECT EF_LI (Language Indication)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_LI (Language Indication)

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le 25

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 05
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 3

File Size, Tag = '80', Length =2
 File Size 00 06
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 2

→ **READ BINARY**

Offset 0
 Length 6

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

1st Language Code de (German)
 2nd Language Code en (English)
 3rd Language Code Empty

→ **SELECT EF_AD (Administrative Data)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_AD (Administrative Data)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F AD
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 04
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 3

→ **READ BINARY**

Offset 0
 Length 4

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

UE operation mode normal operation
 Additional Information '00 01'
 Length of MNC in the IMSI 2
 RFU

→ **VERIFY PIN** Key Reference = 01 (PIN Appl 1), Query

Key Reference 01 (PIN Appl 1)

← 63C3 3 retries remaining

→ **VERIFY PIN** Key Reference = 81 (PIN2 Appl 1), Query

Key Reference 81 (PIN2 Appl 1)

← 63C3 3 retries remaining

→ **UNBLOCK PIN** Key Reference = 01 (PIN Appl 1), Query

Key Reference 01 (PIN Appl 1)

← 63CA 10 retries remaining

→ **UNBLOCK PIN** Key Reference = 81 (PIN2 Appl 1), Query

Key Reference 81 (PIN2 Appl 1)

← 63CA 10 retries remaining

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ECC (Emergency Call Codes)

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF

File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **14**
 Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F B7**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length =2
 File Size **00 1C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **READ RECORD** Record = 1

Record Number **1**
 Mode **Absolute/current**
 Length **14**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Emergency Call Code **112**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **READ RECORD** Record = 2

Record Number **2**
 Mode **Absolute/current**
 Length **14**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Emergency Call Code **911**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **SELECT EF_UST** (USIM Service Table)

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_UST** (USIM Service Table)

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 38**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 0C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **4**

→ **READ BINARY**

Offset **0**
 Length **12**

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes

Service 1: Local Phone Book **service not available**
Service 2: Fixed Dialling Numbers **service available**
Service 3: Extension 2 **service not available**
Service 4: Service Dialling Numbers **service not available**
Service 5: Extension3 **service not available**
Service 6: Barred Dialling Numbers **service not available**
Service 7: Extension4 **service not available**
Service 8: Outgoing Call Information **service available**
Service 9: Incoming Call Information **service available**
Service 10: Short Message Storage **service available**
Service 11: Short Message Status Reports **service available**
Service 12: Short Message Service Parameters **service available**
Service 13: Advice of Charge **service not available**
Service 14: Capability Configuration Parameters 2 (CCP2) **service available**
Service 15: Cell Broadcast Message Identifier **service not available**
Service 16: Cell Broadcast Message Identifier Ranges **service not available**
Service 17: Group Identifier Level 1 **service available**
Service 18: Group Identifier Level 2 **service not available**
Service 19: Service Provider Name **service available**
Service 20: User controlled PLMN selector with Access Technology **service available**
Service 21: MSISDN **service available**
Service 22: Image **service not available**
Service 23: Support of Localised Service Areas (SoLSA) **service not available**
Service 24: Enhanced Multi-Level Precedence and Pre-emption Service **service not available**
Service 25: Automatic Answer for eMLPP **service not available**
Service 26: RFU **service not available**
Service 27: GSM Access **service available**
Service 28: Data download via SMS-PP **service available**
Service 29: Data download via SMS-CB **service not available**
Service 30: Call Control by USIM **service not available**
Service 31: MO-SMS Control by USIM **service not available**
Service 32: RUN AT COMMAND command **service not available**
Service 33: Should be available (previously Packet Switched Domain) **service available**
Service 34: Enabled Services Table **service available**
Service 35: APN Control List **service available**
Service 36: Depersonalisation Control Keys **service not available**
Service 37: Co-operative Network List **service not available**
Service 38: GSM security context **service available**
Service 39: CPBCH Information **service available**
Service 40: Investigation Scan **service not available**
Service 41: MExE **service not available**
Service 42: Operator controlled PLMN selector with Access Technology **service available**
Service 43: HPLMN selector with Access Technology **service available**
Service 44: Extension 5 **service not available**
Service 45: PLMN Network Name **service not available**
Service 46: Operator PLMN List **service not available**
Service 47: Mailbox Dialling Numbers **service not available**
Service 48: Message Waiting Indication Status **service not available**
Service 49: Call Forwarding Indication Status **service not available**
Service 50: Reserved and shall be ignored. **service not available**
Service 51: Service Provider Display Information **service not available**
Service 52: Multimedia Messaging Service (MMS) **service available**
Service 53: Extension 8 **service available**
Service 54: Call control on GPRS by USIM **service not available**
Service 55: MMS User Connectivity Parameters **service available**
Service 56: Network's indication of alerting in the MS (NIA) **service not available**
Service 57: VGCS Group Identifier List (EFVGCS and EFVGCSS) **service not available**
Service 58: VBS Group Identifier List (EFVBS and EFVBSS) **service not available**
Service 59: Pseudonym **service not available**
Service 60: User Controlled PLMN selector for I-WLAN access **service not available**
Service 61: Operator Controlled PLMN selector for I-WLAN access **service not available**
Service 62: User controlled WSID list **service not available**
Service 63: Operator controlled WSID list **service not available**
Service 64: VGCS security **service not available**
Service 65: VBS security **service not available**
Service 66: WLAN Reauthentication Identity **service not available**
Service 67: Multimedia Messages Storage **service not available**
Service 68: Generic Bootstrapping Architecture (GBA) **service not available**
Service 69: MBMS security **service not available**
Service 70: Data download via USSD and USSD application mode **service not available**
Service 71: Equivalent HPLMN **service not available**
Service 72: Additional TERMINAL PROFILE after UICC activation **service not available**
Service 73: Equivalent HPLMN Presentation Indication **service not available**
Service 74: Last RPLMN Selection Indication **service not available**
Service 75: OMA BCAST Smart Card Profile **service not available**
Service 76: GBA-based Local Key Establishment Mechanism **service not available**
Service 77: Terminal Applications **service not available**

Service 78: Service Provider Name Icon **service not available**
 Service 79: PLMN Network Name Icon **service not available**
 Service 80: Connectivity Parameters for USIM IP connections **service not available**
 Service 81: Home I-WLAN Specific Identifier List **service not available**
 Service 82: I-WLAN Equivalent HPLMN Presentation Indication **service not available**
 Service 83: I-WLAN HPLMN Priority Indication **service not available**
 Service 84: I-WLAN Last Registered PLMN **service not available**
 Service 85: EPS Mobility Management Information **service not available**
 Service 86: Allowed CSG Lists and corresponding indications **service not available**
 Service 87: Call control on EPS PDN connection by USIM **service not available**
 Service 88: HPLMN Direct Access **service not available**
 Service 89: eCall Data **service not available**
 Service 90: Operator CSG Lists and corresponding indications **service not available**
 Service 91: Support for SM-over-IP **service not available**
 Service 92: Support of CSG Display Control **service not available**
 Service 93: Communication Control for IMS by USIM **service not available**
 Service 94: Extended Terminal Applications **service not available**
 Service 95: Support of UICC access to IMS **service not available**
 Service 96: Non-Access Stratum configuration by USIM **service not available**

→ **SELECT EF_EST (Enabled Services Table)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EST (Enabled Services Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 56**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **5**
 File Size, Tag = '80', Length =2
 File Size **00 03**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **5**

→ **READ BINARY**

Offset **0**
 Length **3**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

Service 1: Fixed Dialling Numbers (FDN) **service not activated**
 Service 2: Barred Dialling Numbers (BDN) **service not activated**
 Service 3: APN Control List (ACL) **service not activated**
 Addition Services **'00 00'**

→ **SELECT EF_IMSI (IMSI)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_IMSI (IMSI)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 07**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 4
 File Size, Tag = '80', Length =2
 File Size 00 09
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 7

→ **READ BINARY**

Offset 0
 Length 9

← 9110 Normal Ending Of The Command, Proactive Command waiting, 16 bytes
 Length of IMSI 8
 IMSI Check digit: 9 Value: 234507093203181

→ **FETCH**

← 9000 Normal Ending Of The Command Set Up Event List
 Set Up Event List, Tag = 'D0', Length =14
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Set Up Event List
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity ME
 Event List, Tag = '99', Length =3
 Event List Item Location status event
 Event List Item Data Available event
 Event List Item Channel Status event

→ **SELECT EF_ECC (Emergency Call Codes)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ECC (Emergency Call Codes)

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 14
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F B7
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 1C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ **SELECT EF_MSISDN (MSISDN)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_MSISDN (MSISDN)

← 611B Get Response request, 27 bytes available

→ **GET RESPONSE**

Le 27

← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 24
 Number of Records 3

File ID, Tag = '83', Length =2
 File ID 6F 40
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 48
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_FDN (Fixed Dialling Numbers)**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_FDN (Fixed Dialling Numbers)
 ← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**
 Le 35
 ← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 32
 Number of Records 5
 File ID, Tag = '83', Length =2
 File ID 6F 3B
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 3B
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 5
 File Size, Tag = '80', Length =2
 File Size 00 A0
 Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_LND (Last number dialled)**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_LND (Last number dialled)
 ← 611B Get Response request, 27 bytes available

→ **GET RESPONSE**
 Le 27
 ← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Cyclic
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 32
 Number of Records 5
 File ID, Tag = '83', Length =2
 File ID 6F 44
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 A0
 Short File Identifier, Tag = '88', Length =0

→ **SELECT '7F 20 6F 17'**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence

File '7F 20 6F 17'

← 6A82 File not found

→ SELECT DF_PHONEBOOK

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File DF_PHONEBOOK

← 611D Get Response request, 29 bytes available

→ GET RESPONSE

Le 29

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =27

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type DF or ADF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 5F 3A

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 9

PIN Status Template DO, Tag = 'C6', Length =9

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) Disabled

ADM1 (0A) Enabled

Key Reference, Tag = '83', Length =1

Key Reference Value PIN Appl 1 (01)

Key Reference, Tag = '83', Length =1

Key Reference Value ADM1 (0A)

→ SELECT EF_PBR (Phone Book Reference)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_PBR (Phone Book Reference)

← 611B Get Response request, 27 bytes available

→ GET RESPONSE

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 7

Number of Records 1

File ID, Tag = '83', Length =2

File ID 4F 30

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 8

File Size, Tag = '80', Length =2

File Size 00 07

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 1

Record Number 1

Mode Absolute/current

Length 7

← 9000 Normal Ending Of The Command

Type 1, Tag = 'A8', Length =5

EF_ADN Data Object, Tag = 'C0', Length =3

FID '4F58'

SFI '01'

→ SELECT EF_ADN (Abbreviated dialling numbers)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File **EF_ADN** (Abbreviated dialling numbers)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **34**

Number of Records **1**

File ID, Tag = '83', Length =2

File ID **4F 58**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **4**

File Size, Tag = '80', Length =2

File Size **00 22**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **1**

→ **SELECT EF_ECC** (Emergency Call Codes)

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_ECC** (Emergency Call Codes)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **14**

Number of Records **2**

File ID, Tag = '83', Length =2

File ID **6F B7**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **7**

File Size, Tag = '80', Length =2

File Size **00 1C**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **1**

→ **READ RECORD** Record = 1

Record Number **1**

Mode **Absolute/current**

Length **14**

← **9000 Normal Ending Of The Command**

Emergency Call Code **112**

Emergency Call Code Alpha Identifier **Emergency**

Emergency Service Category

Police **Yes**

Ambulance **No**

Fire Brigade **No**

Marine Guard **No**

Mountain Rescue **No**

manually initiated eCall **No**

automatically initiated eCall **No**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3

Command number **1**

Type of command **Set Up Event List**

Command qualifier **RFU**

Device identities, Tag = '82', Length =2

Source device identity ME

Destination device identity UICC

Result, Tag = '83', Length =1

General result Command performed successfully

← 910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes

→ SELECT EF_ECC (Emergency Call Codes)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_ECC (Emergency Call Codes)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 14

Number of Records 2

File ID, Tag = '83', Length =2

File ID 6F B7

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 7

File Size, Tag = '80', Length =2

File Size 00 1C

Short File Identifier, Tag = '88', Length =1

Short File Identifier 1

→ SELECT EF_ARR (Access Rule Reference)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_ARR (Access Rule Reference)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 49

Number of Records 10

File ID, Tag = '83', Length =2

File ID 6F 06

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 1

File Size, Tag = '80', Length =2

File Size 01 EA

Short File Identifier, Tag = '88', Length =1

Short File Identifier 23

→ READ RECORD Record = 7

Record Number 7

Mode Absolute/current

Length 49

← 910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes

Read=ALW, Update/Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation False


```

Delete False
Terminate False
Activate False
Deactivate False
Write False
Update False
Read True
Always, Tag = '90', Length =0
Data
AM_DO AM Byte, Tag = '80', Length =1
AM Byte
Interpretation False
Delete False
Terminate False
Activate True
Deactivate True
Write False
Update True
Read False
CRT Value, Tag = 'A4', Length =6
Key Reference, Tag = '83', Length =1
Key Reference Value ADM1 (0A)
Usage Qualifier, Tag = '95', Length =1
Usage Qualifier Value 08
AM_DO AM Byte, Tag = '80', Length =1
AM Byte
Interpretation False
Delete True
Terminate True
Activate False
Deactivate False
Write True
Update False
Read False
Never, Tag = '97', Length =0
Data
Padding FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

```

-
- **SELECT EF_ECC (Emergency Call Codes)**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ECC (Emergency Call Codes)
- ← **611C Get Response request, 28 bytes available**
-
- **GET RESPONSE**
 Le 28
- ← **910F Normal Ending Of The Command, Proactive Command waiting, 15 bytes**
 FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 14
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F B7
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 1C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1
-
- **FETCH**
- ← **9000 Normal Ending Of The Command Poll Interval**
 Poll Interval, Tag = 'D0', Length =13
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Poll Interval
 Command qualifier RFU
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity ME

Duration, Tag = '04', Length =2
 Time unit Seconds
 Time interval 30

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Poll Interval
 Command qualifier RFU

Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC

Result, Tag = '83', Length =1
 General result Command performed successfully

Duration, Tag = '84', Length =2
 Time unit Seconds
 Time interval 30

← 9000 Normal Ending Of The Command

→ **READ RECORD** Record = 2

Record Number 2
 Mode Absolute/current
 Length 14

← 9000 Normal Ending Of The Command

Emergency Call Code 911
 Emergency Call Code Alpha Identifier Emergency
 Emergency Service Category
 Police Yes
 Ambulance No
 Fire Brigade No
 Marine Guard No
 Mountain Rescue No
 manually initiated eCall No
 automatically initiated eCall No

→ **SELECT EF_OCI (Outgoing Call Information)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_OCI (Outgoing Call Information)

← 6121 Get Response request, 33 bytes available

→ **GET RESPONSE**

Le 33

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =31
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Cyclic
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 45
 Number of Records 5
 File ID, Tag = '83', Length =2
 File ID 6F 81
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 8
 File Size, Tag = '80', Length =2
 File Size 00 E1
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 21

→ **SELECT EF_ARR (Access Rule Reference)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ARR (Access Rule Reference)

← 611C Get Response request, 28 bytes available

→ **GET RESPONSE**

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **49**
 Number of Records **10**
 File ID, Tag = '83', Length =2
 File ID **6F 06**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **1**
 File Size, Tag = '80', Length =2
 File Size **01 EA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **23**

→ **READ RECORD** Record = 8

Record Number **8**
 Mode **Absolute/current**
 Length **49**

← **9000 Normal Ending Of The Command** Read/Update=PIN Appl 1, Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **False**
 Deactivate **False**
 Write **False**
 Update **True**
 Read **True**

CRT Value, Tag = 'A4', Length =6

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Usage Qualifier, Tag = '95', Length =1

Usage Qualifier Value **08**

AM_DO Command Mask, Tag = '84', Length =1

Excess data **32**

Never, Tag = '97', Length =0

Data

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **True**
 Deactivate **True**
 Write **False**
 Update **False**
 Read **False**

CRT Value, Tag = 'A4', Length =6

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Usage Qualifier, Tag = '95', Length =1

Usage Qualifier Value **08**

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**
 Delete **True**
 Terminate **True**
 Activate **False**
 Deactivate **False**
 Write **True**
 Update **False**
 Read **False**

Never, Tag = '97', Length =0

Data

Padding **FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF**

→ **SELECT EF_OCI** (Outgoing Call Information)

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

```

Selection by AID control First or only occurrence
File EF_OCI (Outgoing Call Information)
← 6121 Get Response request, 33 bytes available
→ GET RESPONSE
Le 33
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =31
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Cyclic
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 45
Number of Records 5
File ID, Tag = '83', Length =2
File ID 6F 81
Proprietary Information, Tag = 'A5', Length =3
Private TLV, Tag = 'C0', Length =1
Data 80
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 8
File Size, Tag = '80', Length =2
File Size 00 E1
Short File Identifier, Tag = '88', Length =1
Short File Identifier 21
→ SELECT EF_EXT2 (Extension2)
Select Option Select DF, EF or MF by file id
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_EXT2 (Extension2)
← 6A82 File not found
→ SELECT EF_EXT3 (Extension3)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_EXT3 (Extension3)
← 6A82 File not found
→ SELECT EF_EXT4 (Extension4)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_EXT4 (Extension4)
← 6A82 File not found
→ SELECT EF_EXT5 (Extension5)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_EXT5 (Extension5)
← 6A82 File not found
→ SELECT EF_ECC (Emergency Call Codes)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_ECC (Emergency Call Codes)
← 611C Get Response request, 28 bytes available
→ GET RESPONSE
Le 28
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =26
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 14

```

Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F B7**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **7**
 File Size, Tag = '80', Length =2
 File Size **00 1C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **READ RECORD** Record = 1

Record Number **1**
 Mode **Absolute/current**
 Length **14**

← **9000 Normal Ending Of The Command**

Emergency Call Code **112**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **READ RECORD** Record = 2

Record Number **2**
 Mode **Absolute/current**
 Length **14**

← **9000 Normal Ending Of The Command**

Emergency Call Code **911**
 Emergency Call Code Alpha Identifier **Emergency**
 Emergency Service Category
 Police **Yes**
 Ambulance **No**
 Fire Brigade **No**
 Marine Guard **No**
 Mountain Rescue **No**
 manually initiated eCall **No**
 automatically initiated eCall **No**

→ **ENVELOPE** Event Download

Event Download, Tag = 'D6', Length =10
 Event List, Tag = '19', Length =1
 Event List Item **Location status event**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Location Status, Tag = '9B', Length =1
 Location Status **No service**

← **9000 Normal Ending Of The Command**

→ **SELECT** '7F 20 6F 16'

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **'7F 20 6F 16'**

← **6A82 File not found**

→ **SELECT** '7F 20 6F 15'

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **'7F 20 6F 15'**

← **6A82 File not found**

→ **SELECT** '7F FF 6F 15'

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **'7F FF 6F 15'**

← **6A82 File not found**

→ **STATUS**

Indication **Current application is initialized in the terminal**

Response data [Response parameter and data identical to SELECT command](#)

← **6C2A Resend request, 42 bytes required**

→ **STATUS**

Indication [Current application is initialized in the terminal](#)

Response data [Response parameter and data identical to SELECT command](#)

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

File Type **DF or ADF**

File Accessibility **Shareable file**

Data Coding Byte **21**

DF Name, Tag = '84', Length =12

DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **2F 06**

Record: **7**

PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1

PIN Appl 1 (01) **Disabled**

ADM1 (0A) **Enabled**

Second PIN Appl 1 (81) **Enabled**

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**

Key Reference, Tag = '83', Length =1

Key Reference Value **ADM1 (0A)**

Key Reference, Tag = '83', Length =1

Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT '7F 40 6F 93'**

Select Option [Select by path from MF](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File **'7F 40 6F 93'**

← **6A82 File not found**

→ **SELECT EF_UST (USIM Service Table)**

Select Option [Select by path from MF](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File **EF_UST (USIM Service Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 38**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **4**

File Size, Tag = '80', Length =2

File Size **00 0C**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **4**

→ **SELECT 7FFF - USIM**

Select Option [Select by path from MF](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **SELECT EF_DIR (DIR)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_DIR (DIR)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **38**
 Number of Records **1**
 File ID, Tag = '83', Length =2
 File ID **2F 00**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 26**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **30**

→ **READ RECORD Record = 1**

Record Number **1**
 Mode **Absolute/current**
 Length **38**

← **9000 Normal Ending Of The Command**

Application template, Tag = '61', Length =20
 Application Identifier, Tag = '4F', Length =12
 AID **'A0 00 00 00 87 10 02 FF 49 FF 05 89'**
 Application label, Tag = '50', Length =4
 Value **USIM**

→ **SELECT EF_UST (USIM Service Table)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_UST (USIM Service Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2

File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 38**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 0C**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **4**

→ **READ BINARY**

Offset **0**
 Length **12**

← **9000 Normal Ending Of The Command**

Service 1: Local Phone Book **service not available**
 Service 2: Fixed Dialling Numbers **service available**
 Service 3: Extension 2 **service not available**
 Service 4: Service Dialling Numbers **service not available**
 Service 5: Extension3 **service not available**
 Service 6: Barred Dialling Numbers **service not available**
 Service 7: Extension4 **service not available**
 Service 8: Outgoing Call Information **service available**
 Service 9: Incoming Call Information **service available**
 Service 10: Short Message Storage **service available**
 Service 11: Short Message Status Reports **service available**
 Service 12: Short Message Service Parameters **service available**
 Service 13: Advice of Charge **service not available**
 Service 14: Capability Configuration Parameters 2 (CCP2) **service available**
 Service 15: Cell Broadcast Message Identifier **service not available**
 Service 16: Cell Broadcast Message Identifier Ranges **service not available**
 Service 17: Group Identifier Level 1 **service available**
 Service 18: Group Identifier Level 2 **service not available**
 Service 19: Service Provider Name **service available**
 Service 20: User controlled PLMN selector with Access Technology **service available**
 Service 21: MSISDN **service available**
 Service 22: Image **service not available**
 Service 23: Support of Localised Service Areas (SoLSA) **service not available**
 Service 24: Enhanced Multi-Level Precedence and Pre-emption Service **service not available**
 Service 25: Automatic Answer for eMLPP **service not available**
 Service 26: RFU **service not available**
 Service 27: GSM Access **service available**
 Service 28: Data download via SMS-PP **service available**
 Service 29: Data download via SMS-CB **service not available**
 Service 30: Call Control by USIM **service not available**
 Service 31: MO-SMS Control by USIM **service not available**
 Service 32: RUN AT COMMAND command **service not available**
 Service 33: Should be available (previously Packet Switched Domain) **service available**
 Service 34: Enabled Services Table **service available**
 Service 35: APN Control List **service available**
 Service 36: Depersonalisation Control Keys **service not available**
 Service 37: Co-operative Network List **service not available**
 Service 38: GSM security context **service available**
 Service 39: CPBCCCH Information **service available**
 Service 40: Investigation Scan **service not available**
 Service 41: MExE **service not available**
 Service 42: Operator controlled PLMN selector with Access Technology **service available**
 Service 43: HPLMN selector with Access Technology **service available**
 Service 44: Extension 5 **service not available**
 Service 45: PLMN Network Name **service not available**
 Service 46: Operator PLMN List **service not available**
 Service 47: Mailbox Dialling Numbers **service not available**
 Service 48: Message Waiting Indication Status **service not available**
 Service 49: Call Forwarding Indication Status **service not available**
 Service 50: Reserved and shall be ignored. **service not available**
 Service 51: Service Provider Display Information **service not available**
 Service 52: Multimedia Messaging Service (MMS) **service available**
 Service 53: Extension 8 **service available**
 Service 54: Call control on GPRS by USIM **service not available**
 Service 55: MMS User Connectivity Parameters **service available**
 Service 56: Network's indication of alerting in the MS (NIA) **service not available**
 Service 57: VGCS Group Identifier List (EFGVCS and EFGVCS) **service not available**

Service 58: VBS Group Identifier List (EFVBS and EFVBSS) **service not available**
 Service 59: Pseudonym **service not available**
 Service 60: User Controlled PLMN selector for I-WLAN access **service not available**
 Service 61: Operator Controlled PLMN selector for I-WLAN access **service not available**
 Service 62: User controlled WSID list **service not available**
 Service 63: Operator controlled WSID list **service not available**
 Service 64: VGCS security **service not available**
 Service 65: VBS security **service not available**
 Service 66: WLAN Reauthentication Identity **service not available**
 Service 67: Multimedia Messages Storage **service not available**
 Service 68: Generic Bootstrapping Architecture (GBA) **service not available**
 Service 69: MBMS security **service not available**
 Service 70: Data download via USSD and USSD application mode **service not available**
 Service 71: Equivalent HPLMN **service not available**
 Service 72: Additional TERMINAL PROFILE after UICC activation **service not available**
 Service 73: Equivalent HPLMN Presentation Indication **service not available**
 Service 74: Last RPLMN Selection Indication **service not available**
 Service 75: OMA BCAST Smart Card Profile **service not available**
 Service 76: GBA-based Local Key Establishment Mechanism **service not available**
 Service 77: Terminal Applications **service not available**
 Service 78: Service Provider Name Icon **service not available**
 Service 79: PLMN Network Name Icon **service not available**
 Service 80: Connectivity Parameters for USIM IP connections **service not available**
 Service 81: Home I-WLAN Specific Identifier List **service not available**
 Service 82: I-WLAN Equivalent HPLMN Presentation Indication **service not available**
 Service 83: I-WLAN HPLMN Priority Indication **service not available**
 Service 84: I-WLAN Last Registered PLMN **service not available**
 Service 85: EPS Mobility Management Information **service not available**
 Service 86: Allowed CSG Lists and corresponding indications **service not available**
 Service 87: Call control on EPS PDN connection by USIM **service not available**
 Service 88: HPLMN Direct Access **service not available**
 Service 89: eCall Data **service not available**
 Service 90: Operator CSG Lists and corresponding indications **service not available**
 Service 91: Support for SM-over-IP **service not available**
 Service 92: Support of CSG Display Control **service not available**
 Service 93: Communication Control for IMS by USIM **service not available**
 Service 94: Extended Terminal Applications **service not available**
 Service 95: Support of UICC access to IMS **service not available**
 Service 96: Non-Access Stratum configuration by USIM **service not available**

→ **SELECT EF_ICCID (ICC Identification)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ICCID (ICC Identification)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **2F E2**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 0A**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **2**

→ **READ BINARY**

Offset **0**
 Length **10**

← **9000 Normal Ending Of The Command**

identification number **8944500805172031815**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

Record Length **176**

Number of Records **20**

File ID, Tag = '83', Length =2

File ID **6F 3C**

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data **7F 10 6F 3C**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **0D C0**

Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_PUID (Previous Unique Identifier)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_PUID (Previous Unique Identifier)**

← **6A82 File not found**

→ **SELECT EF_EST (Enabled Services Table)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_EST (Enabled Services Table)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 56**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **5**

File Size, Tag = '80', Length =2

File Size **00 03**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **5**

→ **SELECT '7F FF 7F 66 5F 30 4F 34'**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **'7F FF 7F 66 5F 30 4F 34'**

← **6A82 File not found**

→ **SELECT EF_PBR (Phone Book Reference)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_PBR (Phone Book Reference)**

← 611B Get Response request, 27 bytes available

→ GET RESPONSE

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 7

Number of Records 1

File ID, Tag = '83', Length =2

File ID 4F 30

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 8

File Size, Tag = '80', Length =2

File Size 00 07

Short File Identifier, Tag = '88', Length =0

→ SELECT EF_SMSP (Short message service parameters)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMSP (Short message service parameters)

← 6123 Get Response request, 35 bytes available

→ GET RESPONSE

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 30

Number of Records 2

File ID, Tag = '83', Length =2

File ID 6F 42

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 42

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 3C

Short File Identifier, Tag = '88', Length =0

→ SELECT EF_NETPAR (Network Parameters)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_NETPAR (Network Parameters)

← 611D Get Response request, 29 bytes available

→ GET RESPONSE

Le 29

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =27

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F C4

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

```

    Data 80
    Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
    File Size, Tag = '80', Length =2
    File Size 00 92
    Short File Identifier, Tag = '88', Length =0
→ READ BINARY
    Offset 0
    Length 146
← 9000 Normal Ending Of The Command
    Data <Empty>
→ SELECT EF_PBR (Phone Book Reference)
    Select Option Select by path from MF
    Activation session control Activation/Reset
    Response Data Return FCP Template
    Selection by AID control First or only occurrence
    File EF_PBR (Phone Book Reference)
← 611B Get Response request, 27 bytes available
→ GET RESPONSE
    Le 27
← 9000 Normal Ending Of The Command
    FCP Template, Tag = '62', Length =25
    File Descriptor, Tag = '82', Length =5
    File Descriptor Byte
        EF Structure Linear Fixed
        File Type Working EF
        File Accessibility Shareable file
    Data Coding Byte 21
    Record Length 7
    Number of Records 1
    File ID, Tag = '83', Length =2
    File ID 4F 30
    Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 8
    File Size, Tag = '80', Length =2
    File Size 00 07
    Short File Identifier, Tag = '88', Length =0
→ READ RECORD Record = 1
    Record Number 1
    Mode Absolute/current
    Length 7
← 9000 Normal Ending Of The Command
    Type 1, Tag = 'A8', Length =5
    EF_ADN Data Object, Tag = 'C0', Length =3
    FID '4F58'
    SFI '01'
→ SELECT EF_SMS (Short messages)
    Select Option Select by path from MF
    Activation session control Activation/Reset
    Response Data Return FCP Template
    Selection by AID control First or only occurrence
    File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available
→ GET RESPONSE
    Le 35
← 9000 Normal Ending Of The Command
    FCP Template, Tag = '62', Length =33
    File Descriptor, Tag = '82', Length =5
    File Descriptor Byte
        EF Structure Linear Fixed
        File Type Working EF
        File Accessibility Shareable file
    Data Coding Byte 21
    Record Length 176
    Number of Records 20
    File ID, Tag = '83', Length =2
    File ID 6F 3C
    Proprietary Information, Tag = 'A5', Length =6
    Private TLV, Tag = '91', Length =4
    Data 7F 10 6F 3C

```

Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 1

Record Number 1
 Mode **Absolute/current**
 Length 176

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_ACC** (Access Control Class)

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ACC** (Access Control Class)

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le 25

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 78**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 02**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **6**

→ **READ BINARY**

Offset 0
 Length 2

← **9000 Normal Ending Of The Command**

Access control classes **Allocated classes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15**

→ **SELECT EF_ADN** (Abbreviated dialling numbers)

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ADN** (Abbreviated dialling numbers)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le 28

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **34**
 Number of Records **1**
 File ID, Tag = '83', Length =2
 File ID **4F 58**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**

Record: 4
 File Size, Tag = '80', Length =2
 File Size 00 22
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ **SELECT EF_EST** (Enabled Services Table)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_EST (Enabled Services Table)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 56
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 5
 File Size, Tag = '80', Length =2
 File Size 00 03
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 5

→ **READ BINARY**

Offset 0
 Length 3

← 9000 Normal Ending Of The Command

Service 1: Fixed Dialling Numbers (FDN) service not activated
 Service 2: Barred Dialling Numbers (BDN) service not activated
 Service 3: APN Control List (ACL) service not activated
 Addition Services '00 00'

→ **SELECT EF_UST** (USIM Service Table)

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_UST (USIM Service Table)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 38
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 4
 File Size, Tag = '80', Length =2
 File Size 00 0C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 4

→ **READ BINARY**

Offset 0
 Length 1

← 9000 Normal Ending Of The Command

Service 1: Local Phone Book service not available
 Service 2: Fixed Dialling Numbers service available
 Service 3: Extension 2 service not available

Service 4: Service Dialling Numbers **service not available**
 Service 5: Extension3 **service not available**
 Service 6: Barred Dialling Numbers **service not available**
 Service 7: Extension4 **service not available**
 Service 8: Outgoing Call Information **service available**

→ **SELECT EF_SMSP** (Short message service parameters)

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMSP** (Short message service parameters)

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le **35**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **30**
 Number of Records **2**
 File ID, Tag = '83', Length =2
 File ID **6F 42**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 42**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 3C**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 1**

Record Number **1**
 Mode **Absolute/current**
 Length **30**

← **9000 Normal Ending Of The Command**

Alpha Identifier
 Parameter Indicators
 TP-Destination Address **Parameter absent**
 TP-Service Centre Address **Parameter present**
 TP-Protocol Identifier **Parameter absent**
 TP-Data Coding Scheme **Parameter absent**
 TP-Validity Period **Parameter absent**
 TP-Service Centre Address **'07 91 44 77 79 07 04 00 FF FF FF FF'**

→ **SELECT EF_PBR** (Phone Book Reference)

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_PBR** (Phone Book Reference)

← **611B Get Response request, 27 bytes available**

→ **GET RESPONSE**

Le **27**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **7**
 Number of Records **1**
 File ID, Tag = '83', Length =2
 File ID **4F 30**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **8**

File Size, Tag = '80', Length =2

File Size 00 07

Short File Identifier, Tag = '88', Length =0

→ **SELECT EF_FPLMN** (Forbidden PLMNs)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_FPLMN (Forbidden PLMNs)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 7B

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 0C

Short File Identifier, Tag = '88', Length =1

Short File Identifier 13

→ **READ BINARY**

Offset 0

Length 12

← 9000 Normal Ending Of The Command

PLMN 1 <Empty>

PLMN 2 <Empty>

PLMN 3 <Empty>

PLMN 4 <Empty>

→ **SELECT EF_SMS** (Short messages)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 2

Record Number 2

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status
 RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **SELECT EF_PBR** (Phone Book Reference)
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_PBR (Phone Book Reference)

← 611B Get Response request, 27 bytes available

→ **GET RESPONSE**

Le 27

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =25
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 7
 Number of Records 1
 File ID, Tag = '83', Length =2
 File ID 4F 30
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 8
 File Size, Tag = '80', Length =2
 File Size 00 07
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 1

Record Number 1
 Mode Absolute/current
 Length 7

← 9000 Normal Ending Of The Command

Type 1, Tag = 'A8', Length =5
 EF_ADN Data Object, Tag = 'C0', Length =3
 FID '4F58'
 SFI '01'

→ **SELECT EF_HPLMNwAcT** (HPLMN selector with Access Technology)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_HPLMNwAcT (HPLMN selector with Access Technology)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 62
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 4
 File Size, Tag = '80', Length =2
 File Size 00 0A
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 19

→ **READ BINARY**

Offset 0
 Length 10

← 9000 Normal Ending Of The Command

1st PLMN <Empty>

1st Access Technology identifier
 2nd PLMN <Empty>
 2nd Access Technology identifier

→ **SELECT EF_SMSS (SMS status)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMSS (SMS status)**

← **6120 Get Response request, 32 bytes available**

→ **GET RESPONSE**

Le **32**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =30
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 43**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 43**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 02**
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset **0**
 Length **2**

← **9000 Normal Ending Of The Command**

Last Used TP-MR **'FF'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

→ **SELECT EF_ADN (Abbreviated dialling numbers)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_ADN (Abbreviated dialling numbers)**

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le **28**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **34**
 Number of Records **1**
 File ID, Tag = '83', Length =2
 File ID **4F 58**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 22**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **SELECT EF_LOCI (Location Information)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_LOCI (Location Information)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 7E

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 0B

Short File Identifier, Tag = '88', Length =1

Short File Identifier 11

→ **READ BINARY**

Offset 0

Length 11

← 9000 Normal Ending Of The Command

TMSI 'FF FF FF FF'

LAI (Location Area Information)

MCC & MNC <Empty>

LAC 'FF FF'

RFU 'FF'

Location update status not updated

→ **SELECT EF_SMS (Short messages)**

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD Record = 3**

Record Number 3

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU 00000b

SMS Status Free space

Service Centre Address Length 255d

Service Centre Address

P-TMSI signature value 'FF FF FF'
 LAI (Location Area Information)
 MCC & MNC <Empty>
 LAC 'FF FF'
 RAC 'FF'
 Routing Area update status not updated

→ **SELECT '6F 15'**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File '6F 15'

← **6A82 File not found**

→ **SELECT EF_ECC (Emergency Call Codes)**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ECC (Emergency Call Codes)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le 28

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 14
 Number of Records 2
 File ID, Tag = '83', Length =2
 File ID 6F B7
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 7
 File Size, Tag = '80', Length =2
 File Size 00 1C
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ **SELECT EF_ARR (Access Rule Reference)**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_ARR (Access Rule Reference)

← **611C Get Response request, 28 bytes available**

→ **GET RESPONSE**

Le 28

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =26
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 49
 Number of Records 10
 File ID, Tag = '83', Length =2
 File ID 6F 06
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 1
 File Size, Tag = '80', Length =2
 File Size 01 EA
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 23

→ **READ RECORD Record = 7**

Record Number 7

Mode Absolute/current

Length 49

← 9000 Normal Ending Of The Command Read=ALW, Update/Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation False

Delete False

Terminate False

Activate False

Deactivate False

Write False

Update False

Read True

Always, Tag = '90', Length =0

Data

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation False

Delete False

Terminate False

Activate True

Deactivate True

Write False

Update True

Read False

CRT Value, Tag = 'A4', Length =6

Key Reference, Tag = '83', Length =1

Key Reference Value ADM1 (0A)

Usage Qualifier, Tag = '95', Length =1

Usage Qualifier Value 08

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation False

Delete True

Terminate True

Activate False

Deactivate False

Write True

Update False

Read False

Never, Tag = '97', Length =0

Data

Padding FF

→ SELECT EF_ECC (Emergency Call Codes)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_ECC (Emergency Call Codes)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 14

Number of Records 2

File ID, Tag = '83', Length =2

File ID 6F B7

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 7

File Size, Tag = '80', Length =2

File Size 00 1C

Short File Identifier, Tag = '88', Length =1

Short File Identifier 1

→ SELECT EF_HPPLMN (Higher Priority PLMN search period)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

```

Selection by AID control First or only occurrence
File EF_HPPLMN (Higher Priority PLMN search period)
← 6119 Get Response request, 25 bytes available
→ GET RESPONSE
Le 25
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =23
File Descriptor, Tag = '82', Length =2
File Descriptor Byte
EF Structure Transparent
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
File ID, Tag = '83', Length =2
File ID 6F 31
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 4
File Size, Tag = '80', Length =2
File Size 00 01
Short File Identifier, Tag = '88', Length =1
Short File Identifier 18
→ READ BINARY
Offset 0
Length 1
← 9000 Normal Ending Of The Command
Time interval 30minutes
→ SELECT EF_SMS (Short messages)
Select Option Select DF, EF or MF by file id
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence
File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available
→ GET RESPONSE
Le 35
← 9000 Normal Ending Of The Command
FCP Template, Tag = '62', Length =33
File Descriptor, Tag = '82', Length =5
File Descriptor Byte
EF Structure Linear Fixed
File Type Working EF
File Accessibility Shareable file
Data Coding Byte 21
Record Length 176
Number of Records 20
File ID, Tag = '83', Length =2
File ID 6F 3C
Proprietary Information, Tag = 'A5', Length =6
Private TLV, Tag = '91', Length =4
Data 7F 10 6F 3C
Life Cycle Status Integer, Tag = '8A', Length =1
Life Cycle Status Integer Operational state - activated
Referenced Security Attributes, Tag = '8B', Length =3
File to reference: 6F 06
Record: 6
File Size, Tag = '80', Length =2
File Size 0D C0
Short File Identifier, Tag = '88', Length =0
→ READ RECORD Record = 4
Record Number 4
Mode Absolute/current
Length 176
← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address
→ SELECT EF_OCI (Outgoing Call Information)
Select Option Select by path from MF
Activation session control Activation/Reset
Response Data Return FCP Template
Selection by AID control First or only occurrence

```

File [EF_OCI \(Outgoing Call Information\)](#)

← 6121 Get Response request, 33 bytes available

→ GET RESPONSE

Le 33

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =31

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Cyclic**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 45

Number of Records 5

File ID, Tag = '83', Length =2

File ID **6F 81**

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 8

File Size, Tag = '80', Length =2

File Size **00 E1**

Short File Identifier, Tag = '88', Length =1

Short File Identifier 21

→ SELECT EF_ARR (Access Rule Reference)

Select Option [Select DF, EF or MF by file id](#)

Activation session control [Activation/Reset](#)

Response Data [Return FCP Template](#)

Selection by AID control [First or only occurrence](#)

File [EF_ARR \(Access Rule Reference\)](#)

← 611C Get Response request, 28 bytes available

→ GET RESPONSE

Le 28

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =26

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure **Linear Fixed**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte 21

Record Length 49

Number of Records 10

File ID, Tag = '83', Length =2

File ID **6F 06**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: 1

File Size, Tag = '80', Length =2

File Size **01 EA**

Short File Identifier, Tag = '88', Length =1

Short File Identifier 23

→ READ RECORD Record = 8

Record Number 8

Mode [Absolute/current](#)

Length 49

← 9000 Normal Ending Of The Command Read/Update=PIN Appl 1, Deactivate/Activate=ADM1, Write/Terminate/Delete=NEV

Access Rule Reference (EF_ARR)

AM_DO AM Byte, Tag = '80', Length =1

AM Byte

Interpretation **False**

Delete **False**

Terminate **False**

Activate **False**

Deactivate **False**

Write **False**

Update **True**

Read **True**

CRT Value, Tag = 'A4', Length =6

Key Reference, Tag = '83', Length =1

Key Reference Value **PIN Appl 1 (01)**
 Usage Qualifier, Tag = '95', Length =1
 Usage Qualifier Value **08**
 AM_DO Command Mask, Tag = '84', Length =1
 Excess data **32**
 Never, Tag = '97', Length =0
 Data
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **False**
 Terminate **False**
 Activate **True**
 Deactivate **True**
 Write **False**
 Update **False**
 Read **False**
 CRT Value, Tag = 'A4', Length =6
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Usage Qualifier, Tag = '95', Length =1
 Usage Qualifier Value **08**
 AM_DO AM Byte, Tag = '80', Length =1
 AM Byte
 Interpretation **False**
 Delete **True**
 Terminate **True**
 Activate **False**
 Deactivate **False**
 Write **True**
 Update **False**
 Read **False**
 Never, Tag = '97', Length =0
 Data
 Padding **FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF**

→ **SELECT EF_OCI (Outgoing Call Information)**
 Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_OCI (Outgoing Call Information)**
 ← **6121 Get Response request, 33 bytes available**

→ **GET RESPONSE**
 Le **33**
 ← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =31
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure **Cyclic**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **45**
 Number of Records **5**
 File ID, Tag = '83', Length =2
 File ID **6F 81**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **8**
 File Size, Tag = '80', Length =2
 File Size **00 E1**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **21**

→ **SELECT EF_Kc (GSM Ciphering key Kc)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Kc (GSM Ciphering key Kc)**
 ← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 4F 20

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 09

Short File Identifier, Tag = '88', Length =1

Short File Identifier 1

→ READ BINARY

Offset 0

Length 9

← 9000 Normal Ending Of The Command

Ciphering key Kc 'FF FF FF FF FF FF FF FF'

Ciphering key sequence number 7

→ SELECT EF_SMS (Short messages)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ GET RESPONSE

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 5

Record Number 5

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU 00000b

SMS Status Free space

Service Centre Address Length 255d

Service Centre Address

→ SELECT EF_EXT2 (Extension2)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_EXT2 (Extension2)

← 6A82 File not found

→ SELECT EF_KcGPRS (GPRS Ciphering key KcGPRS)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_KcGPRS (GPRS Ciphering key KcGPRS)

← 611E Get Response request, 30 bytes available

→ GET RESPONSE

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 4F 52

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 09

Short File Identifier, Tag = '88', Length =1

Short File Identifier 2

→ READ BINARY

Offset 0

Length 9

← 9000 Normal Ending Of The Command

Ciphering key KcGPRS 'FF FF FF FF FF FF FF FF'

Ciphering key sequence number n for GPRS '07'

→ SELECT EF_SMS (Short messages)

Select Option Select by path from MF

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ GET RESPONSE

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ READ RECORD Record = 6

Record Number 6

Mode Absolute/current

Length 176

9000 Normal Ending Of The Command

←

SMS Status
 RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **SELECT EF_EXT3 (Extension3)**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_EXT3 (Extension3)

← **6A82 File not found**

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_Keys (Ciphering and Integrity Keys)

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le 30

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 08
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 21
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 8

→ **READ BINARY**

Offset 0
 Length 33

← **9000 Normal Ending Of The Command**

Key set identifier KSI '07'
 Ciphering key CK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'
 Integrity key IK 'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'

→ **SELECT EF_SMS (Short messages)**
 Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_SMS (Short messages)

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le 35

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 176
 Number of Records 20
 File ID, Tag = '83', Length =2
 File ID 6F 3C
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 7

Record Number 7
 Mode **Absolute/current**
 Length 176

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_EXT4 (Extension4)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT4 (Extension4)**

← **6A82 File not found**

→ **SELECT EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le 30

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID **6F 09**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 21**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **9**

→ **READ BINARY**

Offset 0
 Length 33

← **9000 Normal Ending Of The Command**

Key set identifier KSIPS **'07'**
 Ciphering key CKPS **'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'**
 Integrity key IKPS **'FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF'**

→ **SELECT EF_SMS (Short messages)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMS (Short messages)**

← **6123 Get Response request, 35 bytes available**

→ **GET RESPONSE**

Le 35

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5

File Descriptor Byte
 EF Structure **Linear Fixed**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 Record Length **176**
 Number of Records **20**
 File ID, Tag = '83', Length =2
 File ID **6F 3C**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 3C**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **0D C0**
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 8

Record Number **8**
 Mode **Absolute/current**
 Length **176**

← **9000 Normal Ending Of The Command**

SMS Status
 RFU **00000b**
 SMS Status **Free space**
 Service Centre Address Length **255d**
 Service Centre Address

→ **SELECT EF_EXT5 (Extension5)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_EXT5 (Extension5)**

← **6A82 File not found**

→ **SELECT EF_PLMNwAcT (User controlled PLMN selector with Access Technology)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_PLMNwAcT (User controlled PLMN selector with Access Technology)**

← **6119 Get Response request, 25 bytes available**

→ **GET RESPONSE**

Le **25**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 60**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 FA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **10**

→ **READ BINARY**

Offset **0**
 Length **240**

← **9000 Normal Ending Of The Command**

1st PLMN **<Empty>**
 1st Access Technology identifier
 2nd PLMN **<Empty>**
 2nd Access Technology identifier
 3rd PLMN **<Empty>**
 3rd Access Technology identifier
 4th PLMN **<Empty>**

4th Access Technology identifier
5th PLMN <Empty>
5th Access Technology identifier
6th PLMN <Empty>
6th Access Technology identifier
7th PLMN <Empty>
7th Access Technology identifier
8th PLMN <Empty>
8th Access Technology identifier
9th PLMN <Empty>
9th Access Technology identifier
10th PLMN <Empty>
10th Access Technology identifier
11st PLMN <Empty>
11st Access Technology identifier
12nd PLMN <Empty>
12nd Access Technology identifier
13rd PLMN <Empty>
13rd Access Technology identifier
14th PLMN <Empty>
14th Access Technology identifier
15th PLMN <Empty>
15th Access Technology identifier
16th PLMN <Empty>
16th Access Technology identifier
17th PLMN <Empty>
17th Access Technology identifier
18th PLMN <Empty>
18th Access Technology identifier
19th PLMN <Empty>
19th Access Technology identifier
20th PLMN <Empty>
20th Access Technology identifier
21st PLMN <Empty>
21st Access Technology identifier
22nd PLMN <Empty>
22nd Access Technology identifier
23rd PLMN <Empty>
23rd Access Technology identifier
24th PLMN <Empty>
24th Access Technology identifier
25th PLMN <Empty>
25th Access Technology identifier
26th PLMN <Empty>
26th Access Technology identifier
27th PLMN <Empty>
27th Access Technology identifier
28th PLMN <Empty>
28th Access Technology identifier
29th PLMN <Empty>
29th Access Technology identifier
30th PLMN <Empty>
30th Access Technology identifier
31st PLMN <Empty>
31st Access Technology identifier
32nd PLMN <Empty>
32nd Access Technology identifier
33rd PLMN <Empty>
33rd Access Technology identifier
34th PLMN <Empty>
34th Access Technology identifier
35th PLMN <Empty>
35th Access Technology identifier
36th PLMN <Empty>
36th Access Technology identifier
37th PLMN <Empty>
37th Access Technology identifier
38th PLMN <Empty>
38th Access Technology identifier
39th PLMN <Empty>
39th Access Technology identifier
40th PLMN <Empty>
40th Access Technology identifier
41st PLMN <Empty>
41st Access Technology identifier
42nd PLMN <Empty>
42nd Access Technology identifier
43rd PLMN <Empty>

43rd Access Technology identifier
 44th PLMN <Empty>
 44th Access Technology identifier
 45th PLMN <Empty>
 45th Access Technology identifier
 46th PLMN <Empty>
 46th Access Technology identifier
 47th PLMN <Empty>
 47th Access Technology identifier
 48th PLMN <Empty>
 48th Access Technology identifier

→ **READ BINARY** Offset = 240

Offset 240
 Length 10

← 9000 Normal Ending Of The Command

Partial file data 'FF FF FF 00 00 FF FF FF 00 00'

→ **SELECT EF_SMS** (Short messages)

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33
 File Descriptor, Tag = '82', Length =5
 File Descriptor Byte
 EF Structure Linear Fixed
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 Record Length 176
 Number of Records 20
 File ID, Tag = '83', Length =2
 File ID 6F 3C
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 3C
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 0D C0
 Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 9

Record Number 9
 Mode Absolute/current
 Length 176

← 9000 Normal Ending Of The Command

SMS Status
 RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **SELECT EF_OPLMNwACT** (Operator controlled PLMN selector with Access Technology)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_OPLMNwACT (Operator controlled PLMN selector with Access Technology)

← 6119 Get Response request, 25 bytes available

→ **GET RESPONSE**

Le 25

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =23
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2

File ID **6F 61**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **4**
 File Size, Tag = '80', Length =2
 File Size **00 FA**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **17**

→ **READ BINARY**

Offset **0**

Length **240**

← **9000 Normal Ending Of The Command**

1st PLMN **<Empty>**
 1st Access Technology identifier
 2nd PLMN **<Empty>**
 2nd Access Technology identifier
 3rd PLMN **<Empty>**
 3rd Access Technology identifier
 4th PLMN **<Empty>**
 4th Access Technology identifier
 5th PLMN **<Empty>**
 5th Access Technology identifier
 6th PLMN **<Empty>**
 6th Access Technology identifier
 7th PLMN **<Empty>**
 7th Access Technology identifier
 8th PLMN **<Empty>**
 8th Access Technology identifier
 9th PLMN **<Empty>**
 9th Access Technology identifier
 10th PLMN **<Empty>**
 10th Access Technology identifier
 11st PLMN **<Empty>**
 11st Access Technology identifier
 12nd PLMN **<Empty>**
 12nd Access Technology identifier
 13rd PLMN **<Empty>**
 13rd Access Technology identifier
 14th PLMN **<Empty>**
 14th Access Technology identifier
 15th PLMN **<Empty>**
 15th Access Technology identifier
 16th PLMN **<Empty>**
 16th Access Technology identifier
 17th PLMN **<Empty>**
 17th Access Technology identifier
 18th PLMN **<Empty>**
 18th Access Technology identifier
 19th PLMN **<Empty>**
 19th Access Technology identifier
 20th PLMN **<Empty>**
 20th Access Technology identifier
 21st PLMN **<Empty>**
 21st Access Technology identifier
 22nd PLMN **<Empty>**
 22nd Access Technology identifier
 23rd PLMN **<Empty>**
 23rd Access Technology identifier
 24th PLMN **<Empty>**
 24th Access Technology identifier
 25th PLMN **<Empty>**
 25th Access Technology identifier
 26th PLMN **<Empty>**
 26th Access Technology identifier
 27th PLMN **<Empty>**
 27th Access Technology identifier
 28th PLMN **<Empty>**
 28th Access Technology identifier
 29th PLMN **<Empty>**
 29th Access Technology identifier
 30th PLMN **<Empty>**
 30th Access Technology identifier
 31st PLMN **<Empty>**
 31st Access Technology identifier
 32nd PLMN **<Empty>**

32nd Access Technology identifier
 33rd PLMN <Empty>
 33rd Access Technology identifier
 34th PLMN <Empty>
 34th Access Technology identifier
 35th PLMN <Empty>
 35th Access Technology identifier
 36th PLMN <Empty>
 36th Access Technology identifier
 37th PLMN <Empty>
 37th Access Technology identifier
 38th PLMN <Empty>
 38th Access Technology identifier
 39th PLMN <Empty>
 39th Access Technology identifier
 40th PLMN <Empty>
 40th Access Technology identifier
 41st PLMN <Empty>
 41st Access Technology identifier
 42nd PLMN <Empty>
 42nd Access Technology identifier
 43rd PLMN <Empty>
 43rd Access Technology identifier
 44th PLMN <Empty>
 44th Access Technology identifier
 45th PLMN <Empty>
 45th Access Technology identifier
 46th PLMN <Empty>
 46th Access Technology identifier
 47th PLMN <Empty>
 47th Access Technology identifier
 48th PLMN <Empty>
 48th Access Technology identifier

→ **READ BINARY** Offset = 240

Offset 240

Length 10

← 9000 Normal Ending Of The Command

Partial file data 'FF FF FF 00 00 FF FF FF 00 00'

→ **SELECT** EF_SMS (Short messages)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length = 33

File Descriptor, Tag = '82', Length = 5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length = 2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length = 6

Private TLV, Tag = '91', Length = 4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length = 1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length = 3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length = 2

File Size 0D C0

Short File Identifier, Tag = '88', Length = 0

→ **READ RECORD** Record = 10

Record Number 10

Mode Absolute/current

Length 176

← 9000 Normal Ending Of The Command

SMS Status

RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **SELECT EF_START-HFN** (Initialisation values for Hyperframe number)
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_START-HFN (Initialisation values for Hyperframe number)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 5B

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data 80

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 00 06

Short File Identifier, Tag = '88', Length =1

Short File Identifier 15

→ **READ BINARY**

Offset 0

Length 6

← 9000 Normal Ending Of The Command

START_CS 'F00000'

START_PS 'F00000'

→ **SELECT EF_SMS** (Short messages)

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMS (Short messages)

← 6123 Get Response request, 35 bytes available

→ **GET RESPONSE**

Le 35

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =33

File Descriptor, Tag = '82', Length =5

File Descriptor Byte

EF Structure Linear Fixed

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

Record Length 176

Number of Records 20

File ID, Tag = '83', Length =2

File ID 6F 3C

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data 7F 10 6F 3C

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: 6F 06

Record: 6

File Size, Tag = '80', Length =2

File Size 0D C0

Short File Identifier, Tag = '88', Length =0

→ **READ RECORD** Record = 11

Record Number 11

Mode Absolute/current


```

Length 176
← 9000 Normal Ending Of The Command
  SMS Status
    RFU 00000b
    SMS Status Free space
  Service Centre Address Length 255d
  Service Centre Address
→ SELECT EF_THRESHOLD (Maximum value of START)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_THRESHOLD (Maximum value of START)
← 6119 Get Response request, 25 bytes available
→ GET RESPONSE
  Le 25
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =23
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      EF Structure Transparent
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
  File ID, Tag = '83', Length =2
    File ID 6F 5C
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 4
  File Size, Tag = '80', Length =2
    File Size 00 03
  Short File Identifier, Tag = '88', Length =1
    Short File Identifier 16
→ READ BINARY
  Offset 0
  Length 3
← 9000 Normal Ending Of The Command
  Maximum value of START_CS or START_PS 'FFFFFF'
→ SELECT EF_SMS (Short messages)
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_SMS (Short messages)
← 6123 Get Response request, 35 bytes available
→ GET RESPONSE
  Le 35
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =33
  File Descriptor, Tag = '82', Length =5
    File Descriptor Byte
      EF Structure Linear Fixed
      File Type Working EF
      File Accessibility Shareable file
    Data Coding Byte 21
    Record Length 176
    Number of Records 20
  File ID, Tag = '83', Length =2
    File ID 6F 3C
  Proprietary Information, Tag = 'A5', Length =6
    Private TLV, Tag = '91', Length =4
      Data 7F 10 6F 3C
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 6F 06
    Record: 6
  File Size, Tag = '80', Length =2
    File Size 0D C0
  Short File Identifier, Tag = '88', Length =0
→ READ RECORD Record = 12
  Record Number 12
  Mode Absolute/current
  Length 176

```

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 13
Record Number 13
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 14
Record Number 14
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 15
Record Number 15
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 16
Record Number 16
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 17
Record Number 17
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 18
Record Number 18
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d
Service Centre Address

→ READ RECORD Record = 19
Record Number 19
Mode Absolute/current
Length 176

← 9000 Normal Ending Of The Command
SMS Status
RFU 00000b
SMS Status Free space
Service Centre Address Length 255d

Service Centre Address

→ **READ RECORD** Record = 20
 Record Number 20
 Mode Absolute/current
 Length 176
 ← 9000 Normal Ending Of The Command
 SMS Status
 RFU 00000b
 SMS Status Free space
 Service Centre Address Length 255d
 Service Centre Address

→ **STATUS**

Indication No indication
 Response data No data returned
 ← 9000 Normal Ending Of The Command
 → **SELECT EF_START-HFN** (Initialisation values for Hyperframe number)
 Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_START-HFN (Initialisation values for Hyperframe number)
 ← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30
 ← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 5B
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 06
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 15

→ **UPDATE BINARY**

Offset 0
 START_CS '0FFFFFF'
 START_PS '0FFFFFF'
 ← 9000 Normal Ending Of The Command

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM
 ← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42
 ← 9000 Normal Ending Of The Command
 FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 7
 PIN Status Template DO, Tag = 'C6', Length =12

PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **AUTHENTICATE 3G context**

Authentication Context 3G context
 Length of RAND (L1) 16
 RAND '3B A6 C3 1B 94 F9 EA C2 D3 95 9C DE 10 FD AC 9A'
 Length of AUTN (L2) 16
 AUTN 'B1 00 F5 E0 83 D0 80 00 ED B7 AA EE 79 38 96 E0'

← 6135 Get Response request, 53 bytes available

→ **GET RESPONSE**

Le 53

← 9000 Normal Ending Of The Command

Successful 3G authentication tag 'DB'
 Length of RES (L3) 8
 RES 'A2 D3 56 DF 08 FD EF C3'
 Length of CK (L4) 16
 CK '3F 5D 6E EB D0 30 40 68 E9 D7 5C EF 82 62 88 60'
 Length of IK (L5) 16
 IK '1F 45 1F BC 8D AF AE 63 30 9B E5 92 70 FD A2 83'
 Length of Kc 8
 Kc 'F9 54 C8 2A AF 00 C4 E8'

→ **SELECT 7FFF - USIM**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File 7FFF - USIM

← 612A Get Response request, 42 bytes available

→ **GET RESPONSE**

Le 42

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type DF or ADF
 File Accessibility Shareable file
 Data Coding Byte 21
 DF Name, Tag = '84', Length =12
 DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 2F 06
 Record: 7
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) Disabled
 ADM1 (0A) Enabled
 Second PIN Appl 1 (81) Enabled
 Key Reference, Tag = '83', Length =1
 Key Reference Value PIN Appl 1 (01)
 Key Reference, Tag = '83', Length =1
 Key Reference Value ADM1 (0A)
 Key Reference, Tag = '83', Length =1
 Key Reference Value Second PIN Appl 1 (81)

→ **AUTHENTICATE 3G context**

Authentication Context 3G context
 Length of RAND (L1) 16
 RAND '21 BB C4 F8 FF 8B 49 38 8C EC FB 7E 9E 9C 57 C9'
 Length of AUTN (L2) 16
 AUTN '7E 1B F7 2B 26 22 80 00 12 96 A9 EC 0C C6 4B 56'

← 6135 Get Response request, 53 bytes available

→ **GET RESPONSE**

Le 53

← 9000 Normal Ending Of The Command

Successful 3G authentication tag 'DB'
 Length of RES (L3) 8
 RES 'FE 4A 57 8A FF B8 C1 59'

Length of CK (L4) 16
 CK 'A2 14 B2 C4 E3 1E 8D 01 41 BB DE 84 3A 37 70 FD'
 Length of IK (L5) 16
 IK '7A CA 1B D9 12 25 B3 CC 89 AA 67 6E 7E FF A0 38'
 Length of Kc 8
 Kc '10 CF 10 F7 B5 F3 EE 08'

→ **UPDATE BINARY** EF_LOCI (Location Information)

SFI '0B'
 Offset 0
 TMSI 'B0 93 3E F6'
 LAI (Location Area Information)
 MCC & MNC EMT GSM (Estonia)
 LAC '00 08'

RFU 'FF'
 Location update status not updated

← 9000 Normal Ending Of The Command

→ **SELECT** EF_KcGPRS (GPRS Ciphering key KcGPRS)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_KcGPRS (GPRS Ciphering key KcGPRS)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 4F 52
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 09
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 2

→ **UPDATE BINARY**

Offset 0
 Ciphering key KcGPRS '10 CF 10 F7 B5 F3 EE 08'
 Ciphering key sequence number n for GPRS '00'

← 9000 Normal Ending Of The Command

→ **SELECT** EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_KeysPS (Ciphering and Integrity Keys for Packet Switched domain)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F 09
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated

Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 21
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 9

→ **UPDATE BINARY**

Offset 0
 Key set identifier KSIPS '00'
 Ciphering key CKPS 'A2 14 B2 C4 E3 1E 8D 01 41 BB DE 84 3A 37 70 FD'
 Integrity key IKPS '7A CA 1B D9 12 25 B3 CC 89 AA 67 6E 7E FF A0 38'

← 9000 Normal Ending Of The Command

→ **UPDATE BINARY EF_LOCI (Location Information)**

SFI '0B'
 Offset 0
 TMSI 'B0 93 3E F6'
 LAI (Location Area Information)
 MCC & MNC EMT GSM (Estonia)
 LAC '00 08'
 RFU 'FF'

Location update status updated

← 9000 Normal Ending Of The Command

→ **SELECT EF_NETPAR (Network Parameters)**

Select Option Select DF, EF or MF by file id
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_NETPAR (Network Parameters)

← 611D Get Response request, 29 bytes available

→ **GET RESPONSE**

Le 29

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =27
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 6F C4
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 92
 Short File Identifier, Tag = '88', Length =0

→ **UPDATE BINARY**

Offset 0
 FDD Cell Information, Tag = 'A1', Length =4
 FDD Intra Frequency information, Tag = '80', Length =2
 Intra Frequency carrier frequency (MHz) 2142.6

← 9000 Normal Ending Of The Command

→ **UPDATE BINARY EF_PSLOC (Packet Switched location information)**

SFI '0C'
 Offset 0
 P-TMSI 'DB 51 D5 46'
 P-TMSI signature value '72 72 D0'
 LAI (Location Area Information)
 MCC & MNC EMT GSM (Estonia)
 LAC '00 08'
 RAC '51'

Routing Area update status updated

← 9000 Normal Ending Of The Command

→ **ENVELOPE Event Download**

Event Download, Tag = 'D6', Length =21
 Event List, Tag = '19', Length =1
 Event List Item Location status event
 Device identities, Tag = '82', Length =2

Source device identity ME
 Destination device identity UICC
 Location Status, Tag = '9B', Length =1
 Location Status Normal service
 Location information, Tag = '93', Length =9
 MCC and MNC EMT GSM (Estonia)
 Location Area Code/Tracking Area Code (LAC/TAC) 00 08
 Cell identity value A5 2B
 Extended cell identity value 00 07

← 910B Normal Ending Of The Command, Proactive Command waiting, 11 bytes

→ FETCH

← 9000 Normal Ending Of The Command Provide Local Information

Provide Local Information, Tag = 'D0', Length =9
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Provide Local Information
 Command qualifier IMEI of the ME
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity ME

→ TERMINAL RESPONSE Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Provide Local Information
 Command qualifier IMEI of the ME
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 IMEI, Tag = '14', Length =8
 IMEI of ME 357520079313950

← 9175 Normal Ending Of The Command, Proactive Command waiting, 117 bytes

→ FETCH

← 9000 Normal Ending Of The Command Send Short Message

Send Short Message, Tag = 'D0', Length =115
 Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Short Message
 Command qualifier
 SMS Packing packing not required
 RFU 0 0 0 0 0 0
 Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Network
 Address, Tag = '06', Length =7
 Type of address field
 MSB 1
 Type of Number International
 Numbering plan ID ISDN/Telephone
 Dialling number string 447797704000
 SMS TPDU, Tag = '8B', Length =95
 SMS TPDU
 First Octet
 TP Message Type Indicator SMS SUBMIT
 TP Reject Duplicates Accept
 TP Validity Period Format TP VP field not present
 TP Status Report Request A status report is not requested
 TP User Data Header Indication The beginning of the TP UD field contains a Header in addition to the short message
 TP Reply Path TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER
 TP Message Reference '01'
 TP Destination Address
 Address Length 12
 Type of Address
 Numbering plan identification ISDN/telephone numbering plan
 Type of number International number
 Address Value 447937405211
 TP Protocol Identifier '00'
 TP Data Coding Scheme
 General Data Coding Indication
 Character set 8 bit data (uncompressed)
 TP User Data Length 82
 TP User Data Header
 Length of User Data Header 2
 Information-Element-Identifier (U)SIM Toolkit Security Headers
 Length of Information-Element 0

TP User Data

'00 4D 15 02 00 10 10 00 00 01 00 00 00 00 00 00 0A B2 4C 01 37 A7 B8 BA E1 35 4C 10 89 04 90 32 00 00 01 00 00 00 03 12 45 97
24 93 4D 01 02 4E 02 00 11 2F 10 A0 00 00 05 59 10 10 FF FF FF FF 89 00 00 10 00 14 08 3A 75 25 00 97 13 93 05'

→ **SELECT EF_SMSS (SMS status)**
 Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMSS (SMS status)**

← **6120 Get Response request, 32 bytes available**

→ **GET RESPONSE**
 Le **32**

← **9000 Normal Ending Of The Command**
 FCP Template, Tag = '62', Length =30
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 43**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 43**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 02**
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**
 Offset **0**
 Length **2**

← **9000 Normal Ending Of The Command**
 Last Used TP-MR **'FF'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

→ **UPDATE BINARY**
 Offset **0**
 Last Used TP-MR **'00'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

← **9000 Normal Ending Of The Command**

→ **TERMINAL RESPONSE ME currently unable to process command**
 Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Short Message**
 Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =2
 General result **ME currently unable to process command**
 Additional information on result **00**

← **9000 Normal Ending Of The Command**

→ **STATUS**
 Indication **No indication**
 Response data **No data returned**

← **910B Normal Ending Of The Command, Proactive Command waiting, 11 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command Provide Local Information**
 Provide Local Information, Tag = 'D0', Length =9
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Provide Local Information**
 Command qualifier **IMEI of the ME**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **ME**

→ **TERMINAL RESPONSE Command performed successfully**
 Terminal response

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Provide Local Information
 Command qualifier IMEI of the ME
 Device identities, Tag = '82', Length =2
 Source device identity ME
 Destination device identity UICC
 Result, Tag = '83', Length =1
 General result Command performed successfully
 IMEI, Tag = '14', Length =8
 IMEI of ME 357520079313950

← 9175 Normal Ending Of The Command, Proactive Command waiting, 117 bytes

→ **FETCH**

← 9000 Normal Ending Of The Command Send Short Message

Send Short Message, Tag = 'D0', Length =115

Command details, Tag = '81', Length =3
 Command number 1
 Type of command Send Short Message
 Command qualifier
 SMS Packing packing not required
 RFU 0 0 0 0 0 0

Device identities, Tag = '82', Length =2
 Source device identity UICC
 Destination device identity Network

Address, Tag = '06', Length =7

Type of address field
 MSB 1
 Type of Number International
 Numbering plan ID ISDN/Telephone
 Dialling number string 447797704000

SMS TPDU, Tag = '8B', Length =95

SMS TPDU

First Octet

TP Message Type Indicator SMS SUBMIT
 TP Reject Duplicates Accept
 TP Validity Period Format TP VP field not present
 TP Status Report Request A status report is not requested
 TP User Data Header Indication The beginning of the TP UD field contains a Header in addition to the short message
 TP Reply Path TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER

TP Message Reference '01'

TP Destination Address

Address Length 12

Type of Address

Numbering plan identification ISDN/telephone numbering plan

Type of number International number

Address Value 447937405211

TP Protocol Identifier '00'

TP Data Coding Scheme

General Data Coding Indication

Character set 8 bit data (uncompressed)

TP User Data Length 82

TP User Data Header

Length of User Data Header 2

Information-Element-Identifier (U)SIM Toolkit Security Headers

Length of Information-Element 0

TP User Data

'00 4D 15 02 00 10 10 00 00 01 00 00 00 00 00 0A B2 4C 01 37 A7 B8 BA E1 35 4C 10 89 04 90 32 00 00 01 00 00 00 03 12 45 97
 24 93 4D 01 02 4E 02 00 11 2F 10 A0 00 00 05 59 10 10 FF FF FF FF 89 00 00 10 00 14 08 3A 75 25 00 97 13 93 05'

→ **SELECT EF_SMSS (SMS status)**

Select Option Select DF, EF or MF by file id

Activation session control Activation/Reset

Response Data Return FCP Template

Selection by AID control First or only occurrence

File EF_SMSS (SMS status)

← 6120 Get Response request, 32 bytes available

→ **GET RESPONSE**

Le 32

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =30

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure Transparent

File Type Working EF

File Accessibility Shareable file

Data Coding Byte 21

File ID, Tag = '83', Length =2

File ID 6F 43

Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data 7F 10 6F 43
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 02
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset 0
 Length 2

← 9000 Normal Ending Of The Command

Last Used TP-MR '00'
 SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available

→ **UPDATE BINARY**

Offset 0
 Last Used TP-MR '01'
 SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available

← 9000 Normal Ending Of The Command

→ **SELECT EF_Kc (GSM Ciphering key Kc)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_Kc (GSM Ciphering key Kc)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21
 File ID, Tag = '83', Length =2
 File ID 4F 20
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data 80
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer Operational state - activated
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: 6F 06
 Record: 6
 File Size, Tag = '80', Length =2
 File Size 00 09
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier 1

→ **UPDATE BINARY**

Offset 0
 Ciphering key Kc 'F9 54 C8 2A AF 00 C4 E8'
 Ciphering key sequence number 0

← 9000 Normal Ending Of The Command

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**

Select Option Select by path from MF
 Activation session control Activation/Reset
 Response Data Return FCP Template
 Selection by AID control First or only occurrence
 File EF_Keys (Ciphering and Integrity Keys)

← 611E Get Response request, 30 bytes available

→ **GET RESPONSE**

Le 30

← 9000 Normal Ending Of The Command

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure Transparent
 File Type Working EF
 File Accessibility Shareable file
 Data Coding Byte 21

File ID, Tag = '83', Length =2
 File ID **6F 08**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 21**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **8**

→ **UPDATE BINARY**

Offset **0**
 Key set identifier KSI '00'
 Ciphering key CK '3F 5D 6E EB D0 30 40 68 E9 D7 5C EF 82 62 88 60'
 Integrity key IK '1F 45 1F BC 8D AF AE 63 30 9B E5 92 70 FD A2 83'

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY** EF_START-HFN (Initialisation values for Hyperframe number)

SFI '0F'
 Offset **0**
 START_CS '000002'
 START_PS '000002'

← **9000 Normal Ending Of The Command**

→ **TERMINAL RESPONSE** ME currently unable to process command

Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Short Message**
 Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =2
 General result **ME currently unable to process command**
 Additional information on result **00**

← **9000 Normal Ending Of The Command**

→ **STATUS**

Indication **No indication**
 Response data **No data returned**

← **910B Normal Ending Of The Command, Proactive Command waiting, 11 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Provide Local Information

Provide Local Information, Tag = 'D0', Length =9
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Provide Local Information**
 Command qualifier **IMEI of the ME**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **ME**

→ **TERMINAL RESPONSE** Command performed successfully

Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Provide Local Information**
 Command qualifier **IMEI of the ME**
 Device identities, Tag = '82', Length =2
 Source device identity **ME**
 Destination device identity **UICC**
 Result, Tag = '83', Length =1
 General result **Command performed successfully**
 IMEI, Tag = '14', Length =8
 IMEI of ME **357520079313950**

← **9175 Normal Ending Of The Command, Proactive Command waiting, 117 bytes**

→ **FETCH**

← **9000 Normal Ending Of The Command** Send Short Message

Send Short Message, Tag = 'D0', Length =115
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Short Message**

Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**
 Device identities, Tag = '82', Length =2
 Source device identity **UICC**
 Destination device identity **Network**
 Address, Tag = '06', Length =7
 Type of address field
 MSB **1**
 Type of Number **International**
 Numbering plan ID **ISDN/Telephone**
 Dialling number string **447797704000**
 SMS TPDU, Tag = '8B', Length =95
 SMS TPDU
 First Octet
 TP Message Type Indicator **SMS SUBMIT**
 TP Reject Duplicates **Accept**
 TP Validity Period Format **TP VP field not present**
 TP Status Report Request **A status report is not requested**
 TP User Data Header Indication **The beginning of the TP UD field contains a Header in addition to the short message**
 TP Reply Path **TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER**
 TP Message Reference **'01'**
 TP Destination Address
 Address Length **12**
 Type of Address
 Numbering plan identification **ISDN/telephone numbering plan**
 Type of number **International number**
 Address Value **447937405211**
 TP Protocol Identifier **'00'**
 TP Data Coding Scheme
 General Data Coding Indication
 Character set **8 bit data (uncompressed)**
 TP User Data Length **82**
 TP User Data Header
 Length of User Data Header **2**
 Information-Element-Identifier **(U)SIM Toolkit Security Headers**
 Length of Information-Element **0**
 TP User Data
 '00 4D 15 02 00 10 10 00 00 01 00 00 00 00 00 00 0A B2 4C 01 37 A7 B8 BA E1 35 4C 10 89 04 90 32 00 00 01 00 00 00 03 12 45 97
 24 93 4D 01 02 4E 02 00 11 2F 10 A0 00 00 05 59 10 10 FF FF FF FF 89 00 00 10 00 14 08 3A 75 25 00 97 13 93 05'

→ **SELECT EF_SMSS (SMS status)**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_SMSS (SMS status)**

← **6120 Get Response request, 32 bytes available**

→ **GET RESPONSE**

Le **32**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =30
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 43**
 Proprietary Information, Tag = 'A5', Length =6
 Private TLV, Tag = '91', Length =4
 Data **7F 10 6F 43**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 02**
 Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset **0**
 Length **2**

← **9000 Normal Ending Of The Command**

Last Used TP-MR **'01'**
 SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

```

→ UPDATE BINARY
  Offset 0
  Last Used TP-MR '02'
  SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available
← 9000 Normal Ending Of The Command


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→ UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)
  SFI '0F'
  Offset 0
  START_CS '0FFFFF'
  START_PS '0FFFFF'
← 9000 Normal Ending Of The Command


---


→ SELECT 7FFF - USIM
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File 7FFF - USIM
← 612A Get Response request, 42 bytes available


---


→ GET RESPONSE
  Le 42
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =40
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      File Type DF or ADF
      File Accessibility Shareable file
    Data Coding Byte 21
  DF Name, Tag = '84', Length =12
    DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 2F 06
    Record: 7
  PIN Status Template DO, Tag = 'C6', Length =12
    PS_DO, Tag = '90', Length =1
      PIN Appl 1 (01) Disabled
      ADM1 (0A) Enabled
      Second PIN Appl 1 (81) Enabled
    Key Reference, Tag = '83', Length =1
      Key Reference Value PIN Appl 1 (01)
    Key Reference, Tag = '83', Length =1
      Key Reference Value ADM1 (0A)
    Key Reference, Tag = '83', Length =1
      Key Reference Value Second PIN Appl 1 (81)


---


→ AUTHENTICATE 3G context
  Authentication Context 3G context
  Length of RAND (L1) 16
  RAND 'BA 99 1A 28 9B 93 B2 2B 39 67 77 A0 13 41 23 5C'
  Length of AUTN (L2) 16
  AUTN 'FC 56 E2 AE 20 56 80 00 80 92 48 4D 5B 60 BA A8'
← 6135 Get Response request, 53 bytes available


---


→ GET RESPONSE
  Le 53
← 9000 Normal Ending Of The Command
  Successful 3G authentication tag 'DB'
  Length of RES (L3) 8
  RES 'BA 6E 6A 4B F7 8C BB EB'
  Length of CK (L4) 16
  CK '9C 86 44 30 50 27 10 1A 35 43 1D 35 FD C5 66 9B'
  Length of IK (L5) 16
  IK '80 1E A3 3D AB D2 81 C2 79 A7 4E 5D 3D 60 99 C1'
  Length of Kc 8
  Kc '50 7C B4 65 3B 50 6E 82'


---


→ SELECT EF_Kc (GSM Ciphering key Kc)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Kc (GSM Ciphering key Kc)
← 611E Get Response request, 30 bytes available


---


→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28

```

File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **4F 20**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **UPDATE BINARY**

Offset **0**
 Ciphering key Kc '50 7C B4 65 3B 50 6E 82'
 Ciphering key sequence number **1**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Keys (Ciphering and Integrity Keys)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 08**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 21**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **8**

→ **UPDATE BINARY**

Offset **0**
 Key set identifier KSI '01'
 Ciphering key CK '9C 86 44 30 50 27 10 1A 35 43 1D 35 FD C5 66 9B'
 Integrity key IK '80 1E A3 3D AB D2 81 C2 79 A7 4E 5D 3D 60 99 C1'

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)**

SFI '0F'
 Offset **0**
 START_CS '000002'
 START_PS '000002'

← **9000 Normal Ending Of The Command**

→ **TERMINAL RESPONSE Command performed successfully**

Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Short Message**
 Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**


```

    Device identities, Tag = '82', Length =2
      Source device identity ME
      Destination device identity UICC
    Result, Tag = '83', Length =1
      General result Command performed successfully
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ SELECT EF_ICCID (ICC Identification)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_ICCID (ICC Identification)
← 6119 Get Response request, 25 bytes available
→ GET RESPONSE
  Le 25
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =23
    File Descriptor, Tag = '82', Length =2
      File Descriptor Byte
        EF Structure Transparent
        File Type Working EF
        File Accessibility Shareable file
      Data Coding Byte 21
    File ID, Tag = '83', Length =2
      File ID 2F E2
    Life Cycle Status Integer, Tag = '8A', Length =1
      Life Cycle Status Integer Operational state - activated
    Referenced Security Attributes, Tag = '8B', Length =3
      File to reference: 2F 06
      Record: 6
    File Size, Tag = '80', Length =2
      File Size 00 0A
    Short File Identifier, Tag = '88', Length =1
      Short File Identifier 2
→ READ BINARY
  Offset 0
  Length 10
← 9000 Normal Ending Of The Command
  identification number 8944500805172031815
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ STATUS
  Indication No indication
  Response data No data returned
← 9000 Normal Ending Of The Command
→ SELECT EF_START-HFN (Initialisation values for Hyperframe number)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_START-HFN (Initialisation values for Hyperframe number)
← 611E Get Response request, 30 bytes available
→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28

```

File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 5B**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 06**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **15**

→ **UPDATE BINARY**

Offset **0**
 START_CS '0FFFFFF'
 START_PS '0FFFFFF'

← **9000 Normal Ending Of The Command**

→ **SELECT 7FFF - USIM**

Select Option **Select DF, EF or MF by file id**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **7FFF - USIM**

← **612A Get Response request, 42 bytes available**

→ **GET RESPONSE**

Le **42**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =40
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 File Type **DF or ADF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 DF Name, Tag = '84', Length =12
 DF Name **A0 00 00 00 87 10 02 FF 49 FF 05 89**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **2F 06**
 Record: **7**
 PIN Status Template DO, Tag = 'C6', Length =12
 PS_DO, Tag = '90', Length =1
 PIN Appl 1 (01) **Disabled**
 ADM1 (0A) **Enabled**
 Second PIN Appl 1 (81) **Enabled**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **PIN Appl 1 (01)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **ADM1 (0A)**
 Key Reference, Tag = '83', Length =1
 Key Reference Value **Second PIN Appl 1 (81)**

→ **AUTHENTICATE 3G context**

Authentication Context **3G context**
 Length of RAND (L1) **16**
 RAND '53 5E 48 25 C0 5C 28 BA AC 4E 9A 22 3B 65 7D 06'
 Length of AUTN (L2) **16**
 AUTN '16 B2 28 48 DF E4 80 00 69 64 BE 35 4B 00 87 93'

← **6135 Get Response request, 53 bytes available**

→ **GET RESPONSE**

Le **53**

← **9000 Normal Ending Of The Command**

Successful 3G authentication tag **'DB'**
 Length of RES (L3) **8**
 RES '5F C9 22 E8 75 FB 39 C1'
 Length of CK (L4) **16**
 CK 'B8 BC 08 10 30 81 89 5A 20 C5 66 D0 36 1E 01 98'
 Length of IK (L5) **16**
 IK '09 9A AA 82 A2 42 D7 A2 4F A9 0B FE 31 1C F2 88'

Length of Kc 8

Kc 'DE 4A CF BC 95 C1 AD E8'

→ ENVELOPE SMS-PP data download

SMS-PP data download, Tag = 'D1', Length =95

Device identities, Tag = '82', Length =2

Source device identity Network

Destination device identity UICC

Address, Tag = '06', Length =7

Type of address field

MSB 1

Type of Number International

Numbering plan ID ISDN/Telephone

Dialling number string 447797704094

SMS TPDU, Tag = '8B', Length =80

SMS TPDU

First Octet

TP Message Type Indicator SMS DELIVER

TP More Messages To Send No more messages are waiting for the MS in this SC

TP Loop Prevention The message has not been forwarded and is not a spawned message

RFU 0b

TP Status Report Indication A status report shall not be returned to the SME

TP User Data Header Indication The beginning of the TP UD field contains a Header in addition to the short message

TP Reply Path TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER

TP Originating Address

Address Length 12

Type of Address

Numbering plan identification ISDN/telephone numbering plan

Type of number International number

Address Value 447937405211

TP Protocol Identifier (U)SIM Data download

TP Data Coding Scheme

Data coding/message class

Message Coding 8 bit data

Message Class Class 2 (U)SIM specific message

TS Service Centre Time Stamp Year: 19, Month: 05, Day: 14, Hour: 08, Minute: 00, Second: 22, Time Zone: +60minutes

TP User Data Length 61

TP User Data Header

Length of User Data Header 2

Information-Element-Identifier (U)SIM Toolkit Security Headers

Length of Information-Element 0

TP User Data (Secured Command Packet)

Command Packet Length 56

Command Header Length 21

SPI '16 39'

Integrity Level Cryptographic Checksum

Ciphering Yes

Counter Mode Process if and only if counter value is higher than the value in the RE

PoR Mode PoR required to be sent to the SE

PoR Integrity Level Cryptographic Checksum

PoR Ciphering Yes

PoR SMS Delivery Type PoR response shall be sent using SMS-SUBMIT

Klc '12'

Algorithm AES in CBC mode

Key Indication 1

KID '12'

Algorithm AES in CMAC mode

Key Indication 1

TAR '00 00 01' (Allocated by the 1st level application issuer)

Ciphered Data

'40 75 8E 1C EC A1 00 4B 71 4A 98 99 CB BD 88 1F C1 E9 55 17 3E 39 7E 1B CB 20 8B 6B 77 AC 2C 10 7A D5 AB 92 52 E8 CF 07 45 5D 76 56 3E A0 57 13'

← 914D Normal Ending Of The Command, Proactive Command waiting, 77 bytes

→ FETCH

← 9000 Normal Ending Of The Command Send Short Message

Send Short Message, Tag = 'D0', Length =75

Command details, Tag = '81', Length =3

Command number 1

Type of command Send Short Message

Command qualifier

SMS Packing packing not required

RFU 0 0 0 0 0 0 0

Device identities, Tag = '82', Length =2

Source device identity UICC

Destination device identity Network

Address, Tag = '06', Length =7

Type of address field

MSB 1

Type of Number **International**
 Numbering plan ID **ISDN/Telephone**
 Dialling number string **447797704000**
 SMS TPDU, Tag = **'8B'**, Length =55
 SMS TPDU
 First Octet
 TP Message Type Indicator **SMS SUBMIT**
 TP Reject Duplicates **Accept**
 TP Validity Period Format **TP VP field present - relative format**
 TP Status Report Request **A status report is not requested**
 TP User Data Header Indication **The beginning of the TP UD field contains a Header in addition to the short message**
 TP Reply Path **TP Reply Path parameter is not set in this SMS SUBMIT/DELIVER**
 TP Message Reference **'00'**
 TP Destination Address
 Address Length **12**
 Type of Address
 Numbering plan identification **ISDN/telephone numbering plan**
 Type of number **International number**
 Address Value **447937405211**
 TP Protocol Identifier **'00'**
 TP Data Coding Scheme
 Data coding/message class
 Message Coding **8 bit data**
 Message Class **Class 2 (U)SIM specific message**
 TP Validity Period **20 minutes**
 TP User Data Length **41**
 TP User Data Header
 Length of User Data Header **2**
 Information-Element-Identifier **(U)SIM Toolkit Security Headers**
 Length of Information-Element **0**
 TP User Data (Secured Response Packet)
 Response Packet Length (RPL) **36**
 Response Header Length (RHL) **18**
 TAR **'00 00 01' (Allocated by the 1st level application issuer)**
 Ciphered Data
'B3 19 94 2B 10 F7 40 DF 09 9F 1A 38 D2 A3 4E D0 91 C5 E2 82 75 C0 40 8D 77 B2 C3 DF 6F 96 84 61'

→ **SELECT EF_Kc (GSM Ciphering key Kc)**
 Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Kc (GSM Ciphering key Kc)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = **'62'**, Length =28

File Descriptor, Tag = **'82'**, Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = **'83'**, Length =2

File ID **4F 20**

Proprietary Information, Tag = **'A5'**, Length =3

Private TLV, Tag = **'C0'**, Length =1

Data **80**

Life Cycle Status Integer, Tag = **'8A'**, Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = **'8B'**, Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = **'80'**, Length =2

File Size **00 09**

Short File Identifier, Tag = **'88'**, Length =1

Short File Identifier **1**

→ **UPDATE BINARY**

Offset **0**

Ciphering key Kc **'DE 4A CF BC 95 C1 AD E8'**

Ciphering key sequence number **2**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**

Select Option **Select by path from MF**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_Keys (Ciphering and Integrity Keys)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 08**

Proprietary Information, Tag = 'A5', Length =3

Private TLV, Tag = 'C0', Length =1

Data **80**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 21**

Short File Identifier, Tag = '88', Length =1

Short File Identifier **8**

→ **UPDATE BINARY**

Offset **0**

Key set identifier KSI **'02'**

Ciphering key CK **'B8 BC 08 10 30 81 89 5A 20 C5 66 D0 36 1E 01 98'**

Integrity key IK **'09 9A AA 82 A2 42 D7 A2 4F A9 0B FE 31 1C F2 88'**

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)**

SFI **'0F'**

Offset **0**

START_CS **'000002'**

START_PS **'000002'**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_SMSS (SMS status)**

Select Option **Select DF, EF or MF by file id**

Activation session control **Activation/Reset**

Response Data **Return FCP Template**

Selection by AID control **First or only occurrence**

File **EF_SMSS (SMS status)**

← **6120 Get Response request, 32 bytes available**

→ **GET RESPONSE**

Le **32**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =30

File Descriptor, Tag = '82', Length =2

File Descriptor Byte

EF Structure **Transparent**

File Type **Working EF**

File Accessibility **Shareable file**

Data Coding Byte **21**

File ID, Tag = '83', Length =2

File ID **6F 43**

Proprietary Information, Tag = 'A5', Length =6

Private TLV, Tag = '91', Length =4

Data **7F 10 6F 43**

Life Cycle Status Integer, Tag = '8A', Length =1

Life Cycle Status Integer **Operational state - activated**

Referenced Security Attributes, Tag = '8B', Length =3

File to reference: **6F 06**

Record: **6**

File Size, Tag = '80', Length =2

File Size **00 02**

Short File Identifier, Tag = '88', Length =0

→ **READ BINARY**

Offset **0**

Length **2**

← **9000 Normal Ending Of The Command**

Last Used TP-MR **'02'**

SMS "Memory Cap. Exceeded" Not. Flag **flag unset; memory capacity available**

```

→ UPDATE BINARY
  Offset 0
  Last Used TP-MR '03'
  SMS "Memory Cap. Exceeded" Not. Flag flag unset; memory capacity available
← 9000 Normal Ending Of The Command


---


→ UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)
  SFI '0F'
  Offset 0
  START_CS '0FFFFF'
  START_PS '0FFFFF'
← 9000 Normal Ending Of The Command


---


→ SELECT 7FFF - USIM
  Select Option Select DF, EF or MF by file id
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File 7FFF - USIM
← 612A Get Response request, 42 bytes available


---


→ GET RESPONSE
  Le 42
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =40
  File Descriptor, Tag = '82', Length =2
    File Descriptor Byte
      File Type DF or ADF
      File Accessibility Shareable file
    Data Coding Byte 21
  DF Name, Tag = '84', Length =12
    DF Name A0 00 00 00 87 10 02 FF 49 FF 05 89
  Life Cycle Status Integer, Tag = '8A', Length =1
    Life Cycle Status Integer Operational state - activated
  Referenced Security Attributes, Tag = '8B', Length =3
    File to reference: 2F 06
    Record: 7
  PIN Status Template DO, Tag = 'C6', Length =12
    PS_DO, Tag = '90', Length =1
      PIN Appl 1 (01) Disabled
      ADM1 (0A) Enabled
      Second PIN Appl 1 (81) Enabled
    Key Reference, Tag = '83', Length =1
      Key Reference Value PIN Appl 1 (01)
    Key Reference, Tag = '83', Length =1
      Key Reference Value ADM1 (0A)
    Key Reference, Tag = '83', Length =1
      Key Reference Value Second PIN Appl 1 (81)


---


→ AUTHENTICATE 3G context
  Authentication Context 3G context
  Length of RAND (L1) 16
  RAND '6F 12 38 10 4A 23 33 9E 41 AE 73 F1 4F A3 92 43'
  Length of AUTN (L2) 16
  AUTN 'E2 9F 14 82 08 11 80 00 A4 9E B1 D9 4F 9D 3B 8C'
← 6135 Get Response request, 53 bytes available


---


→ GET RESPONSE
  Le 53
← 9000 Normal Ending Of The Command
  Successful 3G authentication tag 'DB'
  Length of RES (L3) 8
  RES 'A1 8B 5B 75 9B 5D 69 E7'
  Length of CK (L4) 16
  CK 'E1 E6 04 C3 23 70 70 B1 62 4E DA 73 B2 B9 33 08'
  Length of IK (L5) 16
  IK 'CD AC 50 93 2B 23 2A 0D 59 C5 09 EC 74 67 4F D2'
  Length of Kc 8
  Kc '17 C1 87 CF CE 8D 26 66'


---


→ SELECT EF_Kc (GSM Ciphering key Kc)
  Select Option Select by path from MF
  Activation session control Activation/Reset
  Response Data Return FCP Template
  Selection by AID control First or only occurrence
  File EF_Kc (GSM Ciphering key Kc)
← 611E Get Response request, 30 bytes available


---


→ GET RESPONSE
  Le 30
← 9000 Normal Ending Of The Command
  FCP Template, Tag = '62', Length =28

```

File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **4F 20**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 09**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **1**

→ **UPDATE BINARY**

Offset **0**
 Ciphering key Kc '17 C1 87 CF CE 8D 26 66'
 Ciphering key sequence number **3**

← **9000 Normal Ending Of The Command**

→ **SELECT EF_Keys (Ciphering and Integrity Keys)**

Select Option **Select by path from MF**
 Activation session control **Activation/Reset**
 Response Data **Return FCP Template**
 Selection by AID control **First or only occurrence**
 File **EF_Keys (Ciphering and Integrity Keys)**

← **611E Get Response request, 30 bytes available**

→ **GET RESPONSE**

Le **30**

← **9000 Normal Ending Of The Command**

FCP Template, Tag = '62', Length =28
 File Descriptor, Tag = '82', Length =2
 File Descriptor Byte
 EF Structure **Transparent**
 File Type **Working EF**
 File Accessibility **Shareable file**
 Data Coding Byte **21**
 File ID, Tag = '83', Length =2
 File ID **6F 08**
 Proprietary Information, Tag = 'A5', Length =3
 Private TLV, Tag = 'C0', Length =1
 Data **80**
 Life Cycle Status Integer, Tag = '8A', Length =1
 Life Cycle Status Integer **Operational state - activated**
 Referenced Security Attributes, Tag = '8B', Length =3
 File to reference: **6F 06**
 Record: **6**
 File Size, Tag = '80', Length =2
 File Size **00 21**
 Short File Identifier, Tag = '88', Length =1
 Short File Identifier **8**

→ **UPDATE BINARY**

Offset **0**
 Key set identifier KSI '03'
 Ciphering key CK 'E1 E6 04 C3 23 70 70 B1 62 4E DA 73 B2 B9 33 08'
 Integrity key IK 'CD AC 50 93 2B 23 2A 0D 59 C5 09 EC 74 67 4F D2'

← **9000 Normal Ending Of The Command**

→ **UPDATE BINARY EF_START-HFN (Initialisation values for Hyperframe number)**

SFI '0F'
 Offset **0**
 START_CS '000002'
 START_PS '000002'

← **9000 Normal Ending Of The Command**

→ **TERMINAL RESPONSE Command performed successfully**

Terminal response
 Command details, Tag = '81', Length =3
 Command number **1**
 Type of command **Send Short Message**
 Command qualifier
 SMS Packing **packing not required**
 RFU **0 0 0 0 0 0**

Device identities, Tag = '82', Length =2
Source device identity ME
Destination device identity UICC
Result, Tag = '83', Length =1
General result Command performed successfully

← 9000 Normal Ending Of The Command

→ STATUS

Indication No indication
Response data No data returned

← 9000 Normal Ending Of The Command

→ STATUS

Indication No indication
Response data No data returned

← 9000 Normal Ending Of The Command

→ STATUS

Indication No indication
Response data No data returned

← 9000 Normal Ending Of The Command

→ STATUS

Indication No indication
Response data No data returned

← 9000 Normal Ending Of The Command

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