

## SimBrush 1.0 report

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Input XML file	w_image_1.xml
Creation date of input file	2011-07-22 19:56:59
Creation date of this report	2011-07-22 18:02:42

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## Main header data

Header data:

Field name	Field data
CHV1_status	3 attempt left
CHV2_status	3 attempt left
FREE_MEMORY	2430
File_characteristics	clock stop allowed, low level preferred; Frequency required 13/4 MHz; 3V technology SIM; CHV1 disabled
ID	3F00
LENGTH	17
Number_of_CHVs	5
Number_of_DFs	6
Number_of_EFs	17
TYPE	MF
UNBLOCK_CHV1_status	CHV1 initilized
UNBLOCK_CHV2_status	CHV2 initilized

## DF\_7F10

Header data:

Field name	Field data
CHV1_status	3 attempt left
CHV2_status	3 attempt left
FREE_MEMORY	2430
File_characteristics	clock stop allowed, low level preferred; Frequency required 13/4 MHz; 3V technology SIM; CHV1 disabled
ID	7F10
LENGTH	17
Number_of_CHVs	5
Number_of_DFs	1
Number_of_EFs	15
TYPE	DF
UNBLOCK_CHV1_status	CHV1 initilized
UNBLOCK_CHV2_status	CHV2 initilized

ADN

## File: DF\_7F10 / ADN

EF ADN '6F3A' (Abbreviated dialling numbers): This EF contains Abbreviated Dialling Numbers (ADN) and/or Supplementary Service Control strings (SSC). In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain an associated alpha-tagging.

Header data:

Field name	Field data
ID	6F3A
SIZE	7750
acINCREASE	NEV
acINVALIDATE	CHV2
acREAD	CHV1
acREHABILITATE	CHV2
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

File content:

0	GABRIELE 0736722918
1	Kristoffer Nilsson 46705610622
2	Arne Thormann 00491714735225
3	Ina Ströhmman 491772131386
4	Heide Gommel 491752080950
5	Sebastian Zaum 004917680137910
6	Stefan Niewerth 00491712627679
7	Karin Zimmermann 491787124212
8	Kay Bremer 00491795413103
9	Martina Bulat 004917621698673
10	M 00491762169863
11	Nina Wagner 4917620654421
12	Konny 4917664631348
13	BORIS 015771738447
14	Martin Klinger 01781320416
15	Daniel GÖRKE 4915123326495
16	Jan Stüve 01636052271
17	Ma 01773083218
18	Olaf Krause 00491704123370
19	Nico Feindler 01702449318
20	LE 01634814855

The file also contains 229 empty fields.

FDN

## File: DF\_7F10 / FDN

EF FDN '6F3B' (Fixed dialling numbers): This EF contains Fixed Dialling Numbers (FDN) and/or Supplementary Service Control strings (SSC). In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain an associated alpha-tagging.

Header data:

Field name	Field data
ID	6F3B
SIZE	1550
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV2
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

File content:

The file also contains 50 empty fields.

## SMS

## File: DF\_7F10 / SMS

EF SMS '6F3C' (Short messages): This EF contains information in accordance with TS 23.040 [13] comprising short messages (and associated parameters) which have either been received by the MS from the network, or are to be used as an MS originated message.

## Header data:

Field name	Field data
ID	6F3C
SIZE	5280
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

## File content:

Field name	Field data
Csca	+491770610000
Number	+491788042163
Date	2009-09-05 10:59:27
Text	Hi Torben,muss noch was wg heut Abend klären,aber wahrscheinlich bin ich dabei.Hab auch schon Alke gefragt.Hoffe,das ist ok.Wann u wo?Evtl Pier gegen 2030?Lg
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491710760000
Number	+491608659114
Date	2009-09-07 07:03:39
Text	Ja, abfahrt ist aber schon um 15h, schaffst du das zeitlich? gruß, christoph
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491760000443
Number	+491724084588
Date	2009-09-22 13:01:05
Text	Moin! Nina hat jetzt von ihrem prof in tü einen hut bekommen... Wir bräuchten keinen mehr. Falls schon bestellt ist es aber auch egal. Gruß volker!
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491760000443
Number	+4917620171594
Date	2009-09-13 19:20:52
Text	Danke. Mal sehen,Bin ziemlich nervös u fertig.Hatte heut mittag den letzten heulkampf u hab mich jetzt beim billy-Aufbauen abgelenkt u nu gehts ins bett
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491760000443
Number	+4917620171594
Date	2009-09-13 19:20:57
Text	.Meld mich morgen wenns vorbei ist,Ja? Gute nacht!
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0



Field name	Field data
Csca	+491770610000
Number	Tarif-Info
Date	2009-09-19 11:34:31
Text	Willkommen in der EU. Info für Ihr EU-Reiseland: Anrufe nach Deutschland und in alle EU-Länder: 51 Ct./Min. Eingehende Anrufe in Ihrem EU-Reiseland: 22 C
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770610000
Number	Tarif-Info
Date	2009-09-19 11:34:31
Text	t./Min. Weitere Auslandspreise innerhalb der EU: SMS-Versand 13 Ct./SMS, Datenverbindungen per GPRS/UMTS 19 Ct./100 KB. Die Notrufnummer 112 ist kost
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491760000443
Number	+491724084588
Date	2009-09-16 12:46:45
Text	Moin! Die kollegen von nina organisieren keinen hut! Wäre also super wenn wir das hin bekommen würden. Melde mich heute abend nochmal. Gruß volker!
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770610000
Number	Tarif-Info
Date	2009-09-19 11:34:31
Text	enlos erreichbar. Kostenlose Detailinfo unter: +491771243546.
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491760000443
Number	+4917623567933
Date	2009-09-16 20:49:22
Text	Servus Torben!alles fit in stuggi?was gibts neues?hast auch vfb geschaut?ist eigentlich post von der uni für die bekki bekommen?grüße hube
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770653000
Number	+491791407813
Date	2009-09-22 20:07:24
Text	Entgangene Anrufe:+491791407813 21.09.09 17:13 Diese Benachrichtigung ist ein kostenloser Service.
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770653000
Number	+491776141855
Date	2009-09-22 20:07:29
Text	Entgangene Anrufe:+491776141855 22.09.09 16:43 Diese Benachrichtigung ist ein kostenloser Service.
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770653000
Number	+491756626954
Date	2009-09-22 20:07:34
Text	Entgangene Anrufe:+491756626954 22.09.09 09:24 Diese Benachrichtigung ist ein kostenloser Service.
Meta	SR: None, FMT: 0, PID: 0, Type: None, DCS: 0
Field name	Field data
Csca	+491770610000
Number	Tarif-Info

[illegible]

[illegible]

[illegible]

CCP

File: DF\_7F10 / CCP

EF CCP '6F3D' (Capability configuration parameters): This EF contains parameters of required network and bearer capabilities and ME configurations associated with a call established using an abbreviated dialling number, a fixed dialling number, an MSISDN, a last number dialled, a service dialling number or a barred dialling number.

Header data not available

File content:

No file content

## MSISDN

## File: DF\_7F10 / MSISDN

EF MSISDN '6F40' (MSISDN): This EF contains MSISDN(s) related to the subscriber. In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain an associated alpha-tagging.

## Header data:

Field name	Field data
ID	6F40
SIZE	124
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

## File content:

## SMSP

## File: DF\_7F10 / SMSP

EF SMSP '6F42' (Short message service parameters): This EF contains values for Short Message Service header Parameters (SMSP), which can be used by the ME for user assistance in preparation of mobile originated short messages. For example, a service centre address will often be common to many short messages sent by the subscriber.

## Header data:

Field name	Field data
ID	6F42
SIZE	225
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

## File content:

0 Alpha-Identifier: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF  
Parameters Indicators: F1  
TP-Destination Address: Parameter absent!  
TS-Service Centre Address: Parameter present!  
TP-Protocol Identifier: Parameter present!  
TP-Data Coding Scheme: Parameter present!  
TP-Validity Period: Parameter absent!  
TS-Service Centre Address: 0791947107160000FFFFFFFF  
TP-Protocol Identifier: 00  
TP-Data Coding Scheme: 00

1 Alpha-Identifier: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF  
Parameters Indicators: FF  
TP-Destination Address: Parameter absent!  
TS-Service Centre Address: Parameter absent!  
TP-Protocol Identifier: Parameter absent!  
TP-Data Coding Scheme: Parameter absent!  
TP-Validity Period: Parameter absent!

2 Alpha-Identifier: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF  
Parameters Indicators: FF  
TP-Destination Address: Parameter absent!  
TS-Service Centre Address: Parameter absent!  
TP-Protocol Identifier: Parameter absent!  
TP-Data Coding Scheme: Parameter absent!  
TP-Validity Period: Parameter absent!

3 Alpha-Identifier: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF  
Parameters Indicators: FF  
TP-Destination Address: Parameter absent!  
TS-Service Centre Address: Parameter absent!

	TP-Protocol Identifier: Parameter absent!
	TP-Data Coding Scheme: Parameter absent!
	TP-Validity Period: Parameter absent!
4	Alpha-Identifier: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
	Parameters Indicators: FF
	TP-Destination Address: Parameter absent!
	TS-Service Centre Address: Parameter absent!
	TP-Protocol Identifier: Parameter absent!
	TP-Data Coding Scheme: Parameter absent!
	TP-Validity Period: Parameter absent!



## SMSS

## File: DF\_7F10 / SMSS

EF SMSS '6F43' (SMS status): This EF contains status information relating to the short message service. The provision of this EF is associated with EFSMS. Both files shall be present together, or both absent from the SIM.

## Header data:

Field name	Field data
ID	6F43
SIZE	2
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

0	Last Used TP-MR: B9 SMS Memory Cap. Exceeded Not. Flag: FF Flag unset; memory capacity available!
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LND

## File: DF\_7F10 / LND

EF LND '6F44' (Last number dialled): This EF contains the last numbers dialled (LND) and/or the respective supplementary service control strings (SSC). In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain associated alpha-tagging.

Header data:

Field name	Field data
ID	6F44
SIZE	310
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	cyclic

File content:

The file also contains 10 empty fields.

## File: DF\_7F10 / SMSR

Header data:

Field name	Field data
ID	6F47
SIZE	150
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

[illegible]

## SDN

## File: DF\_7F10 / SDN

EF SDN '6F49' (Service Dialling Numbers): This EF contains special service numbers (SDN) and/or the respective supplementary service control strings (SSC). In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain associated alpha-tagging.

## Header data:

Field name	Field data
ID	6F49
SIZE	775
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

## File content:

The file also contains 25 empty fields.

EXT1

## File: DF\_7F10 / EXT1

EF EXT1 '6F4A' (Extension1): This EF contains extension data of an ADN/SSC, an MSISDN, or an LND. Extension data is caused by: - an ADN/SSC (MSISDN, LND) which is greater than the 20 digit capacity of the ADN/SSC (MSISDN, LND) Elementary File or where common digits are required to follow an ADN/SSC string of less than 20 digits. The remainder is stored in this EF as a record, which is identified by a specified identification byte inside the ADN/SSC (MSISDN, LND) Elementary File. The EXT1 record in this case is specified as additional data; - an associated called party subaddress. The EXT1 record in this case is specified as subaddress data.

Header data:

Field name	Field data
ID	6F4A
SIZE	130
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

File content:

0	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
1	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
2	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
3	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
4	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
5	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
6	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
7	The record tupe is: 00 The Extension data is: FFFFFFFFFFFFFFFFFFFFFFFF The Identifier is: FF
8	The record tupe is: 00

[illegible]

## EXT2

## File: DF\_7F10 / EXT2

EF EXT2 '6F4B' (Extension2): This EF contains extension data of an FDN/SSC (see EXT2 in subclause 10.5.2).

Header data:

Field name	Field data
ID	6F4B
SIZE	65
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV2
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

File content:

[illegible]

## EXT3

## File: DF\_7F10 / EXT3

EF EXT3 '6F4C' (Extension3): This EF contains extension data of an SDN (see EXT3 in subclause 10.5.9).

Header data:

Field name	Field data
ID	6F4C
SIZE	65
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	linear fixed

File content:

[illegible]



BDN

File: DF\_7F10 / BDN

EF BDN '6F4D' (Barred Dialling Numbers): This EF contains Barred Dialling Numbers (BDN) and/or Supplementary Service Control strings (SSC). In addition it contains identifiers of associated network/bearer capabilities and identifiers of extension records. It may also contain an associated alpha-tagging.

Header data not available

File content:

No file content

EXT4

File: DF\_7F10 / EXT4

EF EXT4 '6F4E' (Extension4): This EF contains extension data of an BDN/SSC (see EXT4 in subclause 10.5.13).

Header data not available

File content:

No file content

## DF\_7F20

Header data:

Field name	Field data
CHV1_status	3 attempt left
CHV2_status	3 attempt left
FREE_MEMORY	2430
File_characteristics	clock stop allowed, low level preferred; Frequency required 13/4 MHz; 3V technology SIM; CHV1 disabled
ID	7F20
LENGTH	17
Number_of_CHVs	5
Number_of_DFs	0
Number_of_EFs	46
TYPE	DF
UNBLOCK_CHV1_status	CHV1 initilized
UNBLOCK_CHV2_status	CHV2 initilized

DF\_5F3C

MExEST

File: DF\_7F20 / DF\_5F3C / MExEST

EF MExEST '4F40' (MExE Service Table): This EF indicates which MExE services are allocated, and whether, if allocated, the service is activated. If a service is not allocated or not activated in the SIM, the ME shall not select this service.

Header data not available

File content:

Field name	Field data
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ORPK

File: DF\_7F20 / DF\_5F3C / ORPK

EF OPRK '4F41' (Operator Root Public Key): This EF contains the descriptor(s ) of certificates containing the Operator Root Public Key. This EF shall only be allocated if the operator wishes to verify applications and certificates in the MExE operator domain using a root public key held on the SIM. Each record of this EF contains one certificate descriptor.

Header data not available

File content:

No file content

ARPK

File: DF\_7F20 / DF\_5F3C / ARPK

EF ARPK '4F42' (Administrator Root Public Key): This EF contains the descriptor(s ) of certificates containing the Administrator Root Public Key. This EF shall only be allocated if the SIM issuer wishes to control the Third Party certificates on the terminal using an Administrator Root Public Key held on the SIM. Each record of this EF contains one certificate descriptor.

Header data not available

File content:

No file content

TPRPK

File: DF\_7F20 / DF\_5F3C / TPRPK

EF TPRPK '4F43' (Third Party Root Public key): This EF contains descriptor(s ) of certificates containing the Third Party Root Public key (s). This EF shall only be allocated if the SIM issuer wishes to verify applications and certificates in the MExE Third Party domain using root public key(s) held on the SIM. This EF can contain one or more root public keys. Each record of this EF contains one certificate descriptor.

Header data not available

File content:

No file content

DF\_5F70

SAI

File: DF\_7F20 / DF\_5F70 / SAI

EF SAI '4F30' (SoLSA Access Indicator): This EF contains the 'LSA only access indicator'. This EF shall always be allocated if DFSoLSA is present.

Header data not available

File content:

Field name	Field data
------------	------------



SLL

File: DF\_7F20 / DF\_5F70 / SLL

EF SLL '4F31' (SoLSA LSA List): This EF contains information describing the LSAs that the user is subscribed to. This EF shall always be allocated if DFSoLSA is present.

Header data not available

File content:

No file content

LP

**File: DF\_7F20 / LP**

EF LP '6F05' (Language preference): This EF contains the codes for one or more languages. This information, determined by the user/operator, defines the preferred languages of the user in order of priority. This information may be used by the ME for MMI purposes.

Header data:

Field name	Field data
ID	6F05
SIZE	4
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Language 1 is German Language 2 is English Language 3 is French Language 4 is Language unspecified
---	---

IMSI

File: DF\_7F20 / IMSI

EF IMSI '6F07' (IMSI): This EF contains the International Mobile Subscriber Identity.

Header data:

Field name	Field data
ID	6F07
SIZE	9
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	CHV1
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	9262032730473126 E-Plus Mobilfunk Germany
---	---

KC

## File: DF\_7F20 / KC

EF Kc '6F20' (Chiper Key): This EF contains the ciphering key Kc and the ciphering key sequence number n.

Header data:

Field name	Field data
ID	6F20
SIZE	9
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0 43 17 DA 34 44 ED F8 A1
---------------------------

## PLMNsel

## File: DF\_7F20 / PLMNsel

EF PLMNsel '6F30' (PLMN selector): This information determined by the user/operator defines the preferred PLMNs of the user in priority order.

## Header data:

Field name	Field data
ID	6F30
SIZE	150
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

```
0  1 PLMN: Connect Austria One (GSM 1800)
    Austria
    2 PLMN: Bouygues Telecom
    France
    3 PLMN: KPN Orange
    Belgium
    4 PLMN: Wind
    Vatican
    5 PLMN: Cellnet / O2
    United Kingdom
    6 PLMN: KPN Telecom
    Netherlands
    7 PLMN: Orange
    Spain
    8 PLMN: Mobikom Austria (GSM 900)
    Austria
    9 PLMN: diAx mobile / Sunrise
    Switzerland
    10 PLMN: Turk Telekom Turkcell
    Turkey
    11 PLMN: France Telecom
    Monaco
    12 PLMN: Telecom Moveis Nac. / TMN
    Portugal
    13 PLMN: Sonofon
    Denmark
    14 PLMN: Cosmote
    Greece
    15 PLMN: Eurotel Praha
    Czech Republic
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16 PLMN: ERA GSM  
Poland

17 PLMN: Si.Mobil  
Slovenia

18 PLMN: Globul  
Bulgaria

19 PLMN: Esat Digifone / O2  
Ireland

20 PLMN: Pannon GSM  
Hungary

21 PLMN: Cellcom  
Israel

22 PLMN: Millicom Lux' S.A / Millicom Tango GSM  
Luxembourg

23 PLMN:

24 PLMN: TeleNor Mobil  
Norway

25 PLMN: Swisscom NATEL (GSM 900/1800)  
Switzerland

26 PLMN: Orange  
United Kingdom

27 PLMN: Vipnet  
Croatia

28 PLMN: KB Impuls BeeLine  
Russian Federation

29 PLMN: Mobistar  
Belgium

30 PLMN: TIM  
Brazil

31 PLMN: TIM  
Brazil

32 PLMN:

33 PLMN: Comviq GSM  
Sweden

34 PLMN: StarHub  
Singapore

35 PLMN: Advanced Info Service AIS GSM  
Thailand

36 PLMN:

37 PLMN: Telecom Personal (GSM 1900)  
Argentine Republic

38 PLMN: Telkomsel  
Indonesia

39 PLMN:

40 PLMN: MTN  
South Africa

41 PLMN: Smart Communications  
Philippines

---

42 PLMN: Empty
43 PLMN: Empty
44 PLMN: Empty
45 PLMN: Empty
46 PLMN: Empty
47 PLMN: Empty
48 PLMN: Empty
49 PLMN: Empty

---

HPLMN

File: DF\_7F20 / HPLMN

EF HPLMN '6F31' (Higher Priority PLMN search period): This EF contains the interval of time between searches for the PLMN.

Header data:

Field name	Field data
ID	6F31
SIZE	1
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	The time interval between two searches 0 minutes
---	--



ACMmax

File: DF\_7F20 / ACMmax

EF ACMmax '6F37' (ACM maximum value): This EF contains the maximum value of the Accumulated Call Meter (ACM).

Header data:

Field name	Field data
ID	6F37
SIZE	3
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV2
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	ACMmax: 0
---	-----------

## SST

## File: DF\_7F20 / SST

EF SST '6F38' (SIM service table): This EF indicates which services are allocated, and whether, if allocated, the service is activated. If a service is not allocated or not activated in the SIM, the ME shall not select this service.

Header data:

Field name	Field data
ID	6F38
SIZE	15
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0 Service 1 : CHV1 disable function allocated and activated  
Service 2 : Abbreviated Dialling Numbers (ADN) allocated and activated  
Service 3 : Fixed Dialling Numbers (FDN) allocated and activated  
Service 4 : Short Message Storage (SMS) allocated and activated  
Service 5 : Advice of Charge (AoC) not allocated  
Service 6 : Capability Configuration Parameters (CCP) allocated and activated  
Service 7 : PLMN selector not allocated  
Service 8 : RFU allocated and activated  
Service 9 : MSISDN allocated and activated  
Service 10: Extension1 allocated and activated  
Service 11: Extension2 allocated and activated  
Service 12: SMS Parameters allocated and activated  
Service 13: Last Number Dialed (LND)  
Service 14: Cell Broadcast Message Identifier  
Service 15: Group Identifier Level 1  
Service 16: Group Identifier Level 2  
Service 17: Service Provider Name not allocated  
Service 18: Service Dialling Numbers (SDN) allocated and activated  
Service 19: Extension3 allocated and activated  
Service 20: RFU allocated and activated  
Service 21: VGCS Group Identifier List (EFVGCS and EFVGCSS) not allocated  
Service 22: VBS Group Identifier List (EFVBS and EFVBSS) not allocated  
Service 23: enhanced Multi-Level Precedence and Pre-emption Service not allocated  
Service 24: Automatic Answer for eMLPP not allocated  
Service 25: Data download via SMS-CB not allocated  
Service 26: Data download via SMS-PP allocated and activated  
Service 27: Menu selection allocated and activated  
Service 28: Call control not allocated  
Service 29: Proactive SIM not allocated

---

Service 30: Cell Broadcast Message Identifier Ranges not allocated  
Service 31: Barred Dialling Numbers (BDN) not allocated  
Service 32: Extension4 allocated and activated  
Service 33: De-personalization Control Keys not allocated  
Service 34: Co-operative Network List not allocated  
Service 35: Short Message Status Reports not allocated  
Service 36: Network's indication of alerting in the MS not allocated  
Service 37: Mobile Originated Short Message control by SIM not allocated  
Service 38: GPRS not allocated  
Service 39: Image (IMG) allocated and activated  
Service 40: SoLSA (Support of Local Service Area) not allocated  
Service 41: USSD string data object supported in Call Control not allocated  
Service 42: RUN AT COMMAND command not allocated  
Service 43: User controlled PLMN Selector with Access Technology not allocated  
Service 44: Operator controlled PLMN Selector with Access Technology not allocated  
Service 45: HPLMN Selector with Access Technology allocated and activated  
Service 46: CPBCCCH Information not allocated  
Service 47: Investigation Scan not allocated  
Service 48: Extended Capability Configuration Parameters not allocated

ACM

## File: DF\_7F20 / ACM

EF ACM '6F39' (Accumulated call meter): This EF contains the total number of units for both the current call and the preceding calls.

Header data:

Field name	Field data
ID	6F39
SIZE	30
acINCREASE	CHV1
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV2
status	File invalidated; File not readable or updatable when invalidated
structure	cyclic

File content:

0	ACM: 0
1	ACM: 0
2	ACM: 0
3	ACM: 0
4	ACM: 0
5	ACM: 0
6	ACM: 0
7	ACM: 0
8	ACM: 0
9	ACM: 0

GID1

File: DF\_7F20 / GID1

EF GID1 '6F3E' (Group Identifier Level 1): This EF contains identifiers for particular SIM-ME associations. It can be used to identify a group of SIMs for a particular application.

Header data:

Field name	Field data
ID	6F3E
SIZE	8
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	FC FF FF FF FF FF FF FF
---	-------------------------

GID2

File: DF\_7F20 / GID2

EF GID2 '6F3F' (Group Identifier Level 2): This EF contains identifiers for particular SIM-ME associations. It can be used to identify a group of SIMs for a particular application.

Header data not available

File content:

Field name	Field data
------------	------------

PUCT

## File: DF\_7F20 / PUCT

EF PUCT '6F41' (Price per unit and currency table): This EF contains the Price per Unit and Currency Table (PUCT). The PUCT is Advice of Charge related information which may be used by the ME in conjunction with EFACM to compute the cost of calls in the currency chosen by the subscriber, as specified in TS 22.024 [7]. This EF shall always be allocated if EFACM is allocated.

Header data:

Field name	Field data
ID	6F41
SIZE	5
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV2
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	EPPU(Elementary Price Per Unit): 0 Price per unit = EPPU * 10 <sup>EX</sup> = 0
---	--

## CBMI

## File: DF\_7F20 / CBMI

EF CBMI '6F45' (Cell broadcast message identifier selection): This EF contains the Message Identifier Parameters which specify the type of content of the cell broadcast messages that the subscriber wishes the MS to accept. Any number of CB Message Identifier Parameters may be stored in the SIM. No order of priority is applicable.

## Header data:

Field name	Field data
ID	6F45
SIZE	20
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

0	CB message Identifier 1 Empty
	CB message Identifier 2 Empty
	CB message Identifier 3 Empty
	CB message Identifier 4 Empty
	CB message Identifier 5 Empty
	CB message Identifier 6 Empty
	CB message Identifier 7 Empty
	CB message Identifier 8 Empty
	CB message Identifier 9 Empty
	CB message Identifier 10 Empty



SPN

## File: DF\_7F20 / SPN

EF SPN '6F46' (Service Provider Name): This EF contains the service provider name and appropriate requirements for the display by the ME.

Header data:

Field name	Field data
ID	6F46
SIZE	17
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Display condition: PLMN not required! Service Provider Name: b l a u
---	---

## CBMID

## File: DF\_7F20 / CBMID

EF CBMID '6F48' (Cell Broadcast Message Identifier for Data Download): This EF contains the message identifier parameters which specify the type of content of the cell broadcast messages which are to be passed to the SIM.

## Header data:

Field name	Field data
ID	6F48
SIZE	20
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

```
0  CB Message Identifier1: Empty
   CB Message Identifier2: Empty
   CB Message Identifier3: Empty
   CB Message Identifier4: Empty
   CB Message Identifier5: Empty
   CB Message Identifier6: Empty
   CB Message Identifier7: Empty
   CB Message Identifier8: Empty
   CB Message Identifier9: Empty
   CB Message Identifier10: Empty
   CB Message Identifier11: Empty
   CB Message Identifier12: Empty
   CB Message Identifier13: Empty
   CB Message Identifier14: Empty
   CB Message Identifier15: Empty
   CB Message Identifier16: Empty
   CB Message Identifier17: Empty
   CB Message Identifier18: Empty
   CB Message Identifier19: Empty
```

---

BCCH

## File: DF\_7F20 / BCCH

EF BCCH '6F74' (Broadcast control channels): This EF contains information concerning the BCCH according to TS 04.08 [15]. BCCH storage may reduce the extent of a Mobile Station's search of BCCH carriers when selecting a cell. The BCCH carrier lists in an MS shall be in accordance with the procedures specified in TS 04.08 [15]. The MS shall only store BCCH information from the System Information 2 message and not the 2bis extension message.

Header data:

Field name	Field data
ID	6F74
SIZE	16
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	9F 88 81 02 00 00 20 42 04 10 10 00 00 00 00 00
---	---

ACC

## File: DF\_7F20 / ACC

EF ACC '6F78' (Access control class): This EF contains the assigned access control class(es). TS 22.011 [5] refers. The access control class is a parameter to control the RACH utilization. 15 classes are split into 10 classes randomly allocated to normal subscribers and 5 classes allocated to specific high priority users. For more information see TS 22.011 [5].

Header data:

Field name	Field data
ID	6F78
SIZE	2
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Number of the ACC: 9
---	----------------------

## FPLMN

## File: DF\_7F20 / FPLMN

EF FPLMN '6F7B' (Forbidden PLMNs): This EF contains the coding for four Forbidden PLMNs (FPLMN). It is read by the ME as part of the SIM initialization procedure and indicates PLMNs which the MS shall not automatically attempt to access. A PLMN is written to the EF if a network rejects a Location Update with the cause 'PLMN not allowed'. The ME shall manage the list as follows. When four FPLMNs are held in the EF, and rejection of a further PLMN is received by the ME from the network, the ME shall modify the EF using the UPDATE command. This new PLMN shall be stored in the fourth position, and the existing list 'shifted' causing the previous contents of the first position to be lost. When less than four FPLMNs exist in the EF, storage of an additional FPLMN shall not cause any existing FPLMN to be lost.

## Header data:

Field name	Field data
ID	6F7B
SIZE	12
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

0	1 PLMN: D1 - DeTe Mobil / T-Mobile Germany
	2 PLMN: D2 - Mannesmann Mobilfunk / Vodafone D2 Germany
	3 PLMN: Viag Interkom / O2 Germany
	4 PLMN: Telia Denmark

LOCI

File: DF\_7F20 / LOCI

EF LOCI '6F7E' (Location information): This EF contains the following Location Information: - Temporary Mobile Subscriber Identity (TMSI) - Location Area Information (LAI) - TMSI TIME - Location update status.

Header data:

Field name	Field data
ID	6F7E
SIZE	11
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	CHV1
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Temporary Mobile Subscriber Identity TMSI: A8A5BACE according to TS 04.08 [15] Location Area Information LAI: 62F23009E1 according to TS 04.08 [15] Current value of Periodic Location Updating Timer (T3212): 00 This byte is used by Phase 1 MEs, but it shall not be used by Phase 2 MEs. Location update status: updated status of location update according to TS 04.08 [15]
---	--

AD

## File: DF\_7F20 / AD

EF AD '6FAD' (Administrative data): This EF contains information concerning the mode of operation according to the type of SIM, such as normal (to be used by PLMN subscribers for GSM operations), type approval (to allow specific use of the ME during type approval procedures of e.g. the radio equipment), cell testing (to allow testing of a cell before commercial use of this cell), manufacturer specific (to allow the ME manufacturer to perform specific proprietary auto-test in its ME during e.g. maintenance phases).

Header data:

Field name	Field data
ID	6FAD
SIZE	4
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Initial value is: 00Normal operation! Additional information: Specific facilities RFU: 00000000 0000001 Length of MNC in the IMSI: 0001
---	--

## PHASE

## File: DF\_7F20 / PHASE

EF Phase '6FAE' (Phase identification): This EF contains information concerning the phase of the SIM.

## Header data:

Field name	Field data
ID	6FAE
SIZE	1
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

0	SIM Phase: 03 Phase2 and PROFILE DOWNLOAD required
---	---



VGCS

## File: DF\_7F20 / VGCS

EF VGCS '6FB1' (Voice Group Call Service): This EF contains a list of those VGCS group identifiers the user has subscribed to. The elementary file is used by the ME for group call establishment and group call reception.

Header data not available

File content:

Field name	Field data
------------	------------

VGCSS

## File: DF\_7F20 / VGCSS

EF VGCSS '6FB2' (Voice Group Call Service Status): This EF contains the status of activation for the VGCS group identifiers. The elementary file is directly related to the EFVGCS. This EF shall always be allocated if EFVGCS is allocated.

Header data not available

File content:

Field name	Field data
------------	------------

VBS

## File: DF\_7F20 / VBS

EF VBS '6FB3' (Voice Broadcast Service): This EF contains a list of those VBS group identifiers the user has subscribed to. The elementary file is used by the ME for broadcast call establishment and broadcast call reception.

Header data not available

File content:

Field name	Field data
------------	------------

VBSS

## File: DF\_7F20 / VBSS

EF VBSS '6FB4' (Voice Broadcast Service Status): This EF contains the status of activation for the VBS group identifiers. The elementary file is directly related to the EFVBS. This EF shall always be allocated if EFVBS is allocated.

Header data not available

File content:

Field name	Field data
------------	------------

eMLPP

File: DF\_7F20 / eMLPP

EF eMLPP '6FB5' (enhanced Multi Level Pre-emption and Priority): This EF contains information about priority levels and fast call set-up conditions for the enhanced Multi Level Preemption and Priority service that which can be used by the subscriber.

Header data not available

File content:

Field name	Field data
------------	------------

AAeM

File: DF\_7F20 / AAeM

EF AAeM '6FB6' (Automatic Answer for eMLPP Service): This EF contains those priority levels (of the Multi Level Pre-emption and Priority service) for which the mobile station shall answer automatically to incoming calls.

Header data not available

File content:

Field name	Field data
------------	------------

ECC

File: DF\_7F20 / ECC

EF ECC '6FB7' (Emergency Call Codes): This EF contains up to 5 emergency call codes.

Header data:

Field name	Field data
ID	6FB7
SIZE	15
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Emergency Call Code1 :01530
	Emergency Call Code2 :83030
	Emergency Call Code3 :21730
	Emergency Call Code4 :101630
	Emergency Call Code5 :182430

## CBMIR

## File: DF\_7F20 / CBMIR

EF CBMIR '6F50' (Cell broadcast message identifier range selection): This EF contains ranges of cell broadcast message identifiers that the subscriber wishes the MS to accept. Any number of CB Message Identifier Parameter ranges may be stored in the SIM. No order of priority is applicable.

## Header data:

Field name	Field data
ID	6F50
SIZE	40
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

```
0    CB Message Identidier ranges 1: FFFFFFFF
    CB Message Identidier ranges 2: FFFFFFFF
    CB Message Identidier ranges 3: FFFFFFFF
    CB Message Identidier ranges 4: FFFFFFFF
    CB Message Identidier ranges 5: FFFFFFFF
    CB Message Identidier ranges 6: FFFFFFFF
    CB Message Identidier ranges 7: FFFFFFFF
    CB Message Identidier ranges 8: FFFFFFFF
    CB Message Identidier ranges 9: FFFFFFFF
    CB Message Identidier ranges 10: FFFFFFFF
```



NIA

File: DF\_7F20 / NIA

EF NIA '6F51' (Network's Indication of Alerting): This EF contains categories and associated text related to the Network's indication of alerting in the MS service defined in TS 02.07 [3].

Header data not available

File content:

No file content

## KcGPRS

## File: DF\_7F20 / KcGPRS

EF KcGPRS '6F52' (GPRS Ciphering key KcGPRS): This EF contains the ciphering key KcGPRS and the ciphering key sequence number n for GPRS (see TS 23.060 [32]).

Header data:

Field name	Field data
ID	6F52
SIZE	9
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Ciphering key KcGPRS: 11 Ciphering Key sequence number n for GPRS: 111
---	---

## File: DF\_7F20 / LOCIGPRS

Header data:

Field name	Field data
ID	6F53
SIZE	14
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

0	P-TMSI Packet Temporary Mobile Subscriber Identity: 11111111111111111111111111111111 P-TMSI signature value: 11111111111111111111111111111111 RAI Routing Area Information: 00110010111100000100000000000000000000011111111RFU is: 00000 Routing Area update status: Not updated
---	---

---

SUME

File: DF\_7F20 / SUME

EF SUME '6F54' (SetUpMenu Elements): This EF contains Simple TLVs related to the menu title to be used by a SIM card supporting the SIM API when issuing a SET UP MENU proactive command.

Header data:

Field name	Field data
ID	6F54
SIZE	18
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ADM
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	1
---	---

## PLMNwACT

## File: DF\_7F20 / PLMNwACT

EF PLMNwAcT '6F60' (User controlled PLMN Selector with Access Technology): This EF contains coding for n PLMNs, where n is at least eight. This information, determined by the user, defines the preferred PLMNs of the user in priority order. The EF also contains the Access Technologies for each PLMN in this list. (see TS 23.122 [51]).

## Header data:

Field name	Field data
ID	6F60
SIZE	250
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

```
0  1 PLMN: Empty
    Access Technologies of 1 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    2 PLMN: Empty
    Access Technologies of 2 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    3 PLMN: Empty
    Access Technologies of 3 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    4 PLMN: Empty
    Access Technologies of 4 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    5 PLMN: Empty
    Access Technologies of 5 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    6 PLMN: Empty
    Access Technologies of 6 PLMN in PLMN selector with Access Technology.
    RFU is: 000000
```

CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
7 PLMN: Empty  
Access Technologies of 7 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
8 PLMN: Empty  
Access Technologies of 8 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
9 PLMN: Empty  
Access Technologies of 9 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
10 PLMN: Empty  
Access Technologies of 10 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
11 PLMN: Empty  
Access Technologies of 11 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
12 PLMN: Empty  
Access Technologies of 12 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
13 PLMN: Empty  
Access Technologies of 13 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
14 PLMN: Empty  
Access Technologies of 14 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
15 PLMN: Empty  
Access Technologies of 15 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
16 PLMN: Empty

Access Technologies of 16 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

17 PLMN: Empty

Access Technologies of 17 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

18 PLMN: Empty

Access Technologies of 18 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

19 PLMN: Empty

Access Technologies of 19 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

20 PLMN: Empty

Access Technologies of 20 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

21 PLMN: Empty

Access Technologies of 21 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

22 PLMN: Empty

Access Technologies of 22 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

23 PLMN: Empty

Access Technologies of 23 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

24 PLMN: Empty

Access Technologies of 24 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

25 PLMN: Empty

Access Technologies of 25 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated  
26 PLMN: Empty  
Access Technologies of 26 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
27 PLMN: Empty  
Access Technologies of 27 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
28 PLMN: Empty  
Access Technologies of 28 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
29 PLMN: Empty  
Access Technologies of 29 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
30 PLMN: Empty  
Access Technologies of 30 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
31 PLMN: Empty  
Access Technologies of 31 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
32 PLMN: Empty  
Access Technologies of 32 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
33 PLMN: Empty  
Access Technologies of 33 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
34 PLMN: Empty  
Access Technologies of 34 PLMN in PLMN selector with Access Technology.  
RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
35 PLMN: Empty  
Access Technologies of 35 PLMN in PLMN selector with Access Technology.



RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
36 PLMN: Empty  
Access Technologies of 36 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
37 PLMN: Empty  
Access Technologies of 37 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
38 PLMN: Empty  
Access Technologies of 38 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
39 PLMN: Empty  
Access Technologies of 39 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
40 PLMN: Empty  
Access Technologies of 40 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
41 PLMN: Empty  
Access Technologies of 41 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
42 PLMN: Empty  
Access Technologies of 42 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
43 PLMN: Empty  
Access Technologies of 43 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated  
44 PLMN: Empty  
Access Technologies of 44 PLMN in PLMN selector with Access Technology.

RFU is: 000000  
CPBCCH (COMPACT network): Not activated  
BCCH (GSM network): Not activated

45 PLMN: Empty

Access Technologies of 45 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

46 PLMN: Empty

Access Technologies of 46 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

47 PLMN: Empty

Access Technologies of 47 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

48 PLMN: Empty

Access Technologies of 48 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

49 PLMN: Empty

Access Technologies of 49 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

50 PLMN: Empty

Access Technologies of 50 PLMN in PLMN selector with Access Technology.

RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

## OPLMNwACT

## File: DF\_7F20 / OPLMNwACT

EF OPLMNwAcT '6F61' (Operator controlled PLMN Selector with Access Technology): This EF contains coding for n PLMNs, where n is at least eight. This information, determined by the operator, defines the preferred PLMNs of the operator in priority order. The EF also contains the Access Technologies for each PLMN in this list (see TS 23.122 [51]).

## Header data:

Field name	Field data
ID	6F61
SIZE	250
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

```
0  1 PLMN: Empty
    Access Technologies of 1 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    2 PLMN: Empty
    Access Technologies of 2 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    3 PLMN: Empty
    Access Technologies of 3 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    4 PLMN: Empty
    Access Technologies of 4 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    5 PLMN: Empty
    Access Technologies of 5 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    6 PLMN: Empty
    Access Technologies of 6 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    7 PLMN: Empty
    Access Technologies of 7 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
```

8 PLMN: Empty

Access Technologies of 8 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

9 PLMN: Empty

Access Technologies of 9 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

10 PLMN: Empty

Access Technologies of 10 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

11 PLMN: Empty

Access Technologies of 11 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

12 PLMN: Empty

Access Technologies of 12 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

13 PLMN: Empty

Access Technologies of 13 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

14 PLMN: Empty

Access Technologies of 14 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

15 PLMN: Empty

Access Technologies of 15 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

16 PLMN: Empty

Access Technologies of 16 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

17 PLMN: Empty

Access Technologies of 17 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

18 PLMN: Empty

Access Technologies of 18 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

19 PLMN: Empty

Access Technologies of 19 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

20 PLMN: Empty

Access Technologies of 20 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

21 PLMN: Empty

Access Technologies of 21 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

22 PLMN: Empty

Access Technologies of 22 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

23 PLMN: Empty

Access Technologies of 23 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

24 PLMN: Empty

Access Technologies of 24 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

25 PLMN: Empty

Access Technologies of 25 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

26 PLMN: Empty

Access Technologies of 26 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

27 PLMN: Empty

Access Technologies of 27 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

28 PLMN: Empty

Access Technologies of 28 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

29 PLMN: Empty

Access Technologies of 29 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

30 PLMN: Empty

Access Technologies of 30 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

31 PLMN: Empty

Access Technologies of 31 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

32 PLMN: Empty

Access Technologies of 32 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

33 PLMN: Empty

Access Technologies of 33 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

34 PLMN: Empty

Access Technologies of 34 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

35 PLMN: Empty

Access Technologies of 35 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

36 PLMN: Empty

Access Technologies of 36 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

37 PLMN: Empty

Access Technologies of 37 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

38 PLMN: Empty

Access Technologies of 38 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

39 PLMN: Empty

Access Technologies of 39 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

40 PLMN: Empty

Access Technologies of 40 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

41 PLMN: Empty

Access Technologies of 41 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

42 PLMN: Empty

Access Technologies of 42 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

43 PLMN: Empty

Access Technologies of 43 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

44 PLMN: Empty

Access Technologies of 44 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

45 PLMN: Empty

Access Technologies of 45 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

46 PLMN: Empty

Access Technologies of 46 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

47 PLMN: Empty

Access Technologies of 47 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

48 PLMN: Empty

Access Technologies of 48 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

49 PLMN: Empty

Access Technologies of 49 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

50 PLMN: Empty

Access Technologies of 50 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000

CPBCCH (COMPACT network): Not activated

BCCH (GSM network): Not activated

HPLMNwACT

## File: DF\_7F20 / HPLMNwACT

EF HPLMNwAcT '6F62' (HPLMN Selector with Access Technology): The HPLMN Selector with access technology data field shall contain the HPLMN code, or codes together with the respective access technology in priority order (see TS 23.122 [51]).

Header data:

Field name	Field data
ID	6F62
SIZE	15
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	CHV1
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

```
0    1 PLMN: Empty
    Access Technologies of 1 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    2 PLMN: Empty
    Access Technologies of 2 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
    3 PLMN: Empty
    Access Technologies of 3 PLMN in Operator controlled PLMN selector with Access Technology.RFU is: 000000
    CPBCCCH (COMPACT network): Not activated
    BCCH (GSM network): Not activated
```



---

CPBCCH

File: DF\_7F20 / CPBCCH

EF CPBCCH '6F63' (CPBCCH Information): This EF contains information concerning the CPBCCH according to TS 04.18 [48] and TS 03.22 [45]. CPBCCH storage may reduce the extent of a Mobile Station's search of CPBCCH carriers when selecting a cell. The CPBCCH carrier lists shall be in accordance with the procedures specified in TS 04.18 [48], TS 04.60 [49] and TS 03.22 [45]. The MS stores CPBCCH information from the System Information 19 message, Packet System Information 3, and Packet System Information 3 bis on the SIM. The same CPBCCH carrier shall never occur twice in the list.

Header data not available

File content:

Field name	Field data
------------	------------

INVSCAN

File: DF\_7F20 / INVSCAN

EF InvScan '6F64' (Investigation Scan): This EF contains two flags used to control the investigation scan for higher prioritized PLMNs not offering voice services.

Header data not available

File content:

Field name	Field data
------------	------------

## ICCID

## File: ICCID

EFICCID '2FE2' (ICC Identification): This EF provides a unique identification number for the SIM.

## Header data:

Field name	Field data
ID	2FE2
SIZE	10
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	ADM
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

## File content:

0	89 49 21 44 82 61 01 12 69 FF
	Germany

## ELP

## File: ELP

EFELP '2F05' (Extended language preference): This EF contains the codes for up to n languages. This information, determined by the user/operator, defines the preferred languages of the user in order of priority. This information may be used by the ME for MMI purposes.

Header data:

Field name	Field data
ID	2F05
SIZE	8
acINCREASE	NEV
acINVALIDATE	ADM
acREAD	ALW
acREHABILITATE	ADM
acUPDATE	CHV1
status	File invalidated; File not readable or updatable when invalidated
structure	transparent

File content:

0	Language 1 is German
	Language 2 is English
	Language 3 is French
	Language 4 is