3GPP TSG-T plenary meeting #19 ***Tdoc TP-030028***
Birmingham, UK, 12-14 March 2003

Source: T3

Title: CRs to TS 31.121: UICC-Terminal Interface; Application Test specification

Document for: Approval

This document contains the following change requests:

T3-Doc	Spec	CR	Rev	Cat	Phase	Subject	Version-Current	Version-New	WI
T3-030134	31.121	020	-	F	R99	File size correction	3.4.0	3.5.0	TEI
T3-030135	31.121	021	-	A	Rel-4	File size correction	4.3.0	4.4.0	TEI
T3-030136	31.121	022	-	F	R99	Correction of PLMN coding	3.4.0	3.5.0	TEI
T3-030137	31.121	023	-	A	Rel-4	Correction of PLMN coding	4.3.0	4.4.0	TEI

3GPP TSG-T3 Meeting #26
Lisboa, PT, 11.-14.02.2003

Tdoc ⌘T3-030134

CR-Form-v7

CHANGE REQUEST

⌘ **31.121** **CR** **020** ⌘ **rev** **-** ⌘ Current version: **3.4.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	TS 31.121 R99 File size correction
Source:	⌘	TSG-T3
Work item code:	⌘	TEI
Date:	⌘	12/02/2003
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	File sizes of EF Keys and EF KeysPS are inconsistent to TS 31.102
Summary of change:	⌘	Coding of EFs corrected
Consequences if not approved:	⌘	Incorrect implementation of test equipment

Clauses affected:	⌘	4.1.1.5, 5.1.5.5, 7.1.1.3, 7.1.1.4.1, 7.1.1.5

Other specs affected:	Y	N		
⌘		N	Other core specifications	⌘
		N	Test specifications	
		N	O&M Specifications	

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4.1.1.5 EF_{KeysPS} (Ciphering and Integrity Keys for Packet Switched domain)

Logically: Key Set Identifier KSI: 0x
Ciphering Keys CK: xx
Integrity Keys IK: xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	0x	xx	xx	...	xx	xx	xx	...	xx	xx	xx

5.1.5.5 Acceptance criteria

1) After step a) the UE shall not respond to the PAGING REQUEST.

2) After step c) the UE shall send PAGING RESPONSE to the USS containing the IMSI stored in the USIM.

3) After step e) the UE shall send TMSI REALLOCATION COMPLETE to the USS.

4) After step g) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246
LAI-MNC: 081
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	42	06	18	xx	xx	xx	00

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: xx (result of the authentication algorithm)
Integrity Keys IK: xx (result of the authentication algorithm)

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.3 Test purpose

1) To verify that in automatic PLMN selection mode the UE does not attempt to access PLMNs stored in EF_{FPLMN} on the USIM.

2) To verify that the EF_{FPLMN} is correctly updated by the Terminal after receipt of a LOCATION UPDATE REJECT message with cause "PLMN not allowed".

3) To verify that the EF_{Keys} has been correctly updated by the Terminal.

4) To verify that the EF_{LOCI} has been correctly updated by the Terminal.

7.1.1.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.

- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{IMSI} (IMSI)

Logically: 246081111111111

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9
Hex	08	29	64	80	11	11	11	11	11

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 007
LAI-LAC: 0000
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	32	04	10	00	00	FF	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: undefined
Integrity Keys IK: undefined

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.5 Acceptance criteria

1) After each of the steps a) to d) the UE shall not attempt a LOCATION UPDATE.
2) After step f) the UE shall send LOCATION UPDATE REQUEST to the USS.
3) After step h) the UE shall send LOCATION UPDATE REQUEST to the USS.
4) After step i) the UE shall respond with TMSI REALLOCATION COMPLETE.
5) After step k) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 008
TMSI: "43658709"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	43	65	87	09	32	04	80	xx	xx	xx	00

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 07 (not available)
Ciphering Keys CK: xx
Integrity Keys IK: xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	07	xx	xx	...	xx	xx	xx	...	xx	xx	xx

EF_{FPLMN} (Forbidden PLMNs)

Logically:
PLMN1: 234 002 (MCC MNC)
PLMN2: 234 003
PLMN3: 234 004
PLMN4: 234 005
PLMN5: 234 006
PLMN6: 234 007

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	04	20	32	04	30	32	04	40	32	04	50

B13	B14	B15	B16	B17	B18	
32	04	60	32	04	70	

3GPP TSG-T3 Meeting #26
Lisboa, PT, 11.-14.02.2003

Tdoc ⌘T3-030135

CR-Form-v7

CHANGE REQUEST

⌘ **31.121** **CR** **021** ⌘**rev** **-** ⌘ Current version: **4.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	TS 31.121 Rel-4 File size correction
Source:	⌘	TSG-T3
Work item code:	⌘	TEI
Date:	⌘	12/02/2003
Category:	⌘	**A**
Release:	⌘	Rel-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	File sizes of EF Keys and EF KeysPS are inconsistent to TS 31.102
Summary of change:	⌘	Coding of EFs corrected
Consequences if not approved:	⌘	Incorrect implementation of test equipment

Clauses affected:	⌘	4.1.1.5, 5.1.5.5, 7.1.1.3, 7.1.1.4.1, 7.1.1.5

Other specs affected:	Y	N		
⌘		N	Other core specifications	⌘
		N	Test specifications	
		N	O&M Specifications	

Other comments: ⌘

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1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
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3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4.1.1.5 EF_{KeysPS} (Ciphering and Integrity Keys for Packet Switched domain)

Logically: Key Set Identifier KSI: 0x
Ciphering Keys CK: xx
Integrity Keys IK: xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	0x	xx	xx	...	xx	xx	xx	...	xx	xx	xx

5.1.5.5 Acceptance criteria

1) After step a) the UE shall not respond to the PAGING REQUEST.

2) After step c) the UE shall send PAGING RESPONSE to the USS containing the IMSI stored in the USIM.

3) After step e) the UE shall send TMSI REALLOCATION COMPLETE to the USS.

4) After step g) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246
LAI-MNC: 081
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	42	06	18	xx	xx	xx	00

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: xx (result of the authentication algorithm)
Integrity Keys IK: xx (result of the authentication algorithm)

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.3 Test purpose

1) To verify that in automatic PLMN selection mode the UE does not attempt to access PLMNs stored in EF_{FPLMN} on the USIM.

2) To verify that the EF_{FPLMN} is correctly updated by the Terminal after receipt of a LOCATION UPDATE REJECT message with cause "PLMN not allowed".

3) To verify that the EF_{Keys} has been correctly updated by the Terminal.

4) To verify that the EF_{LOCI} has been correctly updated by the Terminal.

7.1.1.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{IMSI} (IMSI)

Logically: 246081111111111

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9
Hex	08	29	64	80	11	11	11	11	11

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 007
LAI-LAC: 0000
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	32	04	10	00	00	FF	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: undefined
Integrity Keys IK: undefined

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.5 Acceptance criteria

1) After each of the steps a) to d) the UE shall not attempt a LOCATION UPDATE.
2) After step f) the UE shall send LOCATION UPDATE REQUEST to the USS.
3) After step h) the UE shall send LOCATION UPDATE REQUEST to the USS.
4) After step i) the UE shall respond with TMSI REALLOCATION COMPLETE.
5) After step k) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 008
TMSI: "43658709"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	43	65	87	09	32	04	80	xx	xx	xx	00

EF_{Keys} (Ciphering and Integrity Keys)

Logically: Key Set Identifier KSI: 07 (not available)
Ciphering Keys CK: xx
Integrity Keys IK: xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	~~B30~~B31	~~B31~~B32	~~B32~~B33
Hex	07	xx	xx	...	xx	xx	xx	...	xx	xx	xx

EF_{FPLMN} (Forbidden PLMNs)

Logically:
PLMN1: 234 002 (MCC MNC)
PLMN2: 234 003
PLMN3: 234 004
PLMN4: 234 005
PLMN5: 234 006
PLMN6: 234 007

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	04	20	32	04	30	32	04	40	32	04	50

B13	B14	B15	B16	B17	B18	
32	04	60	32	04	70	

3GPP TSG-T3 Meeting #26
Lisboa, PT, 11.-14.02.2003

Tdoc ⌘T3-030136
(revised from T3-030057)

CR-Form-v7

CHANGE REQUEST

⌘ **31.121** **CR** **022** ⌘**rev** **-** ⌘ Current version: **3.4.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction of PLMN coding
Source:	⌘	TSG-T3
Work item code:	⌘	TEI
Date:	⌘	14/02/2003
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	Incorrect coding of PLMN (not consistent with TS 24.008)
Summary of change:	⌘	Coding of PLMNs corrected
Consequences if not approved:	⌘	Incorrect tests

Clauses affected:	⌘	4.1.1.3, 4.1.1.7, 4.1.1.11, 4.1.1.12, 5.1.3.4.1, 5.1.4.4.1, 5.1.5.5, 7.1.1.4.1, 7.1.1.5, 7.1.2.4.1, 7.1.2.5, 7.1.3.4.1, 7.1.3.5, 7.2.1.5, 7.2.2.4.1, 7.2.2.5, 7.2.3.4, 7.2.4.4, 7.3.1.4.1, 7.3.1.5, 7.3.2.5, 7.4.1.5, 7.4.2.4.1, 7.4.2.5, 7.5.1.4.1, 7.5.1.5

	Y	N		
Other specs affected: ⌘		N	Other core specifications	⌘
		N	Test specifications	
		N	O&M Specifications	

Other comments:	⌘	Same CR needed for REL-4

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2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4.1.1.3 EF_{LOCI} (Location Information)

Logically:
LAI-MCC: 246
LAI-MNC: 081
LAI-LAC: 0001
TMSI: "FF .. FF"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	FF	FF	FF	FF	42	106	180	00	01	FF	00

4.1.1.7 EF_{FPLMN} (Forbidden PLMNs)

Besides of the 4 mandatory EF_{FPLMN} 2 optional EF_{FPLMN} are defined according to TS 31.102 subclause 4.2.16.

Logically:
PLMN1: 234 001 (MCC MNC)
PLMN2: 234 002
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005
PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	0414	100	32	0424	2000	32	0434	3000	32	0444	4000

	B13	B14	B15	B16	B17	B18
	32	0454	5000	32	0464	6000

4.1.1.11 $EF_{PLMNwACT}$ (User Controlled PLMN Selector with Access Technology)

Besides of the 8 mandatory PLMNwACT entries 4 optional PLMNwACT entries are defined according to TS 31.102 subclause 4.2.5. The Radio Access Technology identifier for the first two PLMN (1st PLMN and 2nd PLMN) are set to both UTRAN and GSM, all other PLMN to UTRAN only.

Logically:
1st PLMN: 244 081 (MCC MNC)
1st ACT: UTRAN
2nd PLMN: 244 081
2nd ACT: GSM
3rd PLMN: 244 082
3rd ACT: UTRAN
4th PLMN: 244 082
4th ACT: GSM
5th PLMN: 244 003
5th ACT: UTRAN
6th PLMN: 244 004
6th ACT: UTRAN
7th PLMN: 244 005
7th ACT: UTRAN
8th PLMN: 244 006
8th ACT: UTRAN
9th PLMN: 244 007
9th ACT: UTRAN
10th PLMN: 244 008
10th ACT: UTRAN
11th PLMN: 244 009
11th ACT: UTRAN

	12th PLMN:	244 010
	12th ACT:	UTRAN

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	0414	180	80	00	42	0414	180	00	80	42	0424	280	80	00
	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	42	0424	280	00	80	42	0434	3000	80	00	42	0444	4000	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45
	42	0454	5000	80	00	42	0464	6000	80	00	42	0474	7000	80	00
	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	0484	8000	80	00	42	0494	9000	80	00	42	04	0110	80	00

4.1.1.12 $EF_{OPLMNwACT}$ (Operator Controlled PLMN Selector with Access Technology)

The Radio Access Technology identifier for the first PLMN is set to both UTRAN and GSM, the other remaining PLMNs to UTRAN only.

Logically:	1st PLMN:	254 001 (MCC MNC)
	1st ACT:	UTRAN
	2nd PLMN:	254 001
	2nd ACT:	GSM
	3rd PLMN:	254 002
	3rd ACT:	UTRAN
	4th PLMN:	254 003
	4th ACT:	UTRAN
	5th PLMN:	254 004
	5th ACT:	UTRAN
	6th PLMN:	254 005
	6th ACT:	UTRAN
	7th PLMN:	254 006
	7th ACT:	UTRAN
	8th PLMN:	254 007
	8th ACT:	UTRAN

Coding:	B01	B02	B03	B04	B05	B06	B07	B08	B09	B10
Hex	52	014	1000	80	00	52	0414	1000	00	80
	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
	52	0424	2000	80	00	52	0434	3000	80	00
	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	52	0444	4000	80	00	52	0454	5000	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40
	52	0464	6000	80	00	52	0474	7000	80	00

5.1.3.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	LAI-LAC:	0001
	TMSI:	"2143"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	00	00	21	43	42	~~06~~16	~~1~~80	00	01	FF	00

The UICC is installed into the Terminal and the UE is powered on.

5.1.4.4.1 Initial conditions

Prior to this test, the Terminal shall have been operated with a USIM containing TMSI "2143". This may be achieved by executing the previous test (5.1.3) prior to this test. Only under this condition will test purpose 3) be verified.

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	LAI-LAC:	0001
	TMSI:	"21430000"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	21	43	00	00	42	~~06~~16	~~1~~80	00	01	FF	00

The UICC is installed into the Terminal and the UE is powered on.

5.1.5.5 Acceptance criteria

1) After step a) the UE shall not respond to the PAGING REQUEST.
2) After step c) the UE shall send PAGING RESPONSE to the USS containing the IMSI stored in the USIM.
3) After step e) the UE shall send TMSI REALLOCATION COMPLETE to the USS.
4) After step g) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	TMSI:	"32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	42	~~06~~16	~~1~~80	xx	xx	xx	00

EF_{Key} (Ciphering and Integrity Key)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: xx (result of the authentication algorithm)
Integrity Keys IK: xx (result of the authentication algorithm)

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{IMSI} (IMSI)

Logically: 246081111111111

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9
Hex	08	29	64	80	11	11	11	11	11

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 007
LAI-LAC: 0000
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	32	7~~0~~4	~~1~~00	00	00	FF	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

EF_{Key} (Ciphering and Integrity Key)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: undefined
Integrity Keys IK: undefined

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	02	xx	xx	...	xx	xx	Xx	...	xx	xx	xx

7.1.1.5 Acceptance criteria

1) After each of the steps a) to d) the UE shall not attempt a LOCATION UPDATE.
2) After step f) the UE shall send LOCATION UPDATE REQUEST to the USS.

3) After step h) the UE shall send LOCATION UPDATE REQUEST to the USS.

4) After step i) the UE shall respond with TMSI REALLOCATION COMPLETE.

5) After step k) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 008
TMSI: "43658709"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	43	65	87	09	32	804	800	xx	xx	xx	00

EF_{Key} (Ciphering and Integrity Key)

Logically: Key Set Identifier KSI: 07 (not available)
Ciphering Keys CK: xx
Integrity Keys IK: xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	07	xx	xx	...	xx	xx	Xx	...	xx	xx	xx

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: 234 002 (MCC MNC)
PLMN2: 234 003
PLMN3: 234 004
PLMN4: 234 005
PLMN5: 234 006
PLMN6: 234 007

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	024	200	32	034	300	32	044	040	32	054	500

	B13	B14	B15	B16	B17	B18
	32	064	600	32	074	700

7.1.2.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.

-Access control: unrestricted.

The default UICC is used with the following exception:

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: 234 001 (MCC MNC)
PLMN2: empty
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005

PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	104	100	FF	FF	FF	32	034	300	32	044	400

	B13	B14	B15	B16	B17	B18
	32	054	500	32	064	600

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.1.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST to the USS.

2) After step d) the USIM shall contain:

EF_{FPLMN} (Forbidden PLMNs)

Logically:
PLMN1: 234 001 (MCC MNC)
PLMN2: 234 002
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005
PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	014	100	32	024	200	32	034	300	32	044	400

	B13	B14	B15	B16	B17	B18
	32	054	500	32	064	600

or

EF_{FPLMN} (Forbidden PLMNs)

Logically:
PLMN1: 234 001 (MCC MNC)
PLMN2: 234 003
PLMN3: 234 004
PLMN4: 234 005
PLMN5: 234 006
PLMN6: 234 002

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	014	100	32	034	300	32	044	400	32	054	500

	B13	B14	B15	B16	B17	B18
	32	064	600	32	024	200

7.1.3.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/005/0001.

- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: empty
PLMN2: empty
PLMN3: empty
PLMN4: empty
PLMN5: 234 005 (MCC MNC)
PLMN6: empty

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

	B13	B14	B15	B16	B17	B18
	32	~~0~~54	~~5~~00	FF	FF	FF

The UICC is installed into the Terminal and the UE is set to manual PLMN selection mode.

7.1.3.5 Acceptance criteria

1) After step c) the UE shall send LOCATION UPDATE REQUEST to the USS.

2) After step d) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step f) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 005
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	32	~~0~~54	~~5~~00	xx	xx	xx	00

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: empty
PLMN2: empty
PLMN3: empty
PLMN4: empty
PLMN5: empty
PLMN6: empty

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

	B13	B14	B15	B16	B17	B18
	FF	FF	FF	FF	FF	FF

7.2.1.5 Acceptance criteria

After step b) the USIM shall contain the following values:

$EF_{PLMNwACT}$ (UPLMN Selector)

Logically:	1st PLMN:	244 081 (MCC MNC)
	1st ACT:	UTRAN
	2nd PLMN:	567 002
	2nd ACT	UTRAN
	3rd PLMN:	244 082
	3rd ACT	UTRAN
	4th PLMN:	244 082
	4th ACT	GSM
	5th PLMN:	244 003
	5th ACT	UTRAN
	6th PLMN:	244 004
	6th ACT	UTRAN
	7th PLMN:	244 005
	7th ACT	UTRAN
	8th PLMN:	244 006
	8th ACT	UTRAN
	9th PLMN:	244 007
	9th ACT	UTRAN
	10th PLMN:	244 008
	10th ACT	UTRAN
	11th PLMN:	244 009
	11th ACT	UTRAN
	12th PLMN:	244 010
	12th ACT	UTRAN

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	~~0~~14	~~1~~80	80	00	65	~~0~~27	~~2~~00	80	00	42	~~0~~24	~~2~~80	80	00
	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	42	~~0~~24	~~2~~80	00	80	42	~~0~~34	~~3~~00	80	00	42	~~0~~44	400	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45
	42	~~0~~54	~~5~~00	80	00	42	~~0~~64	~~6~~00	80	00	42	~~0~~74	~~7~~00	80	00
	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	~~0~~84	~~8~~00	80	00	42	~~0~~94	~~9~~00	80	00	42	04	~~01~~10	80	00

7.2.2.4.1 Initial conditions

The USS transmits on two BCCHs, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/033/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/034/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{PLMNwACT}$ (UPLMN Selector with Access Technology)

Logically:

1st PLMN:	244 081 (MCC MNC)
1st ACT:	UTRAN
2nd PLMN:	244 081
2nd ACT	GSM
3rd PLMN:	244 082
3rd ACT	UTRAN
3rd PLMN:	244 082
3rd ACT	GSM
.....	
.....	
10th PLMN:	244 008
10th ACT	UTRAN
11th PLMN:	244 034
11th ACT	UTRAN
12th PLMN:	244 033
12th ACT	UTRAN

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	~~0~~14	~~1~~80	80	00	42	~~0~~14	~~1~~80	00	80	42	~~0~~24	~~2~~80	80	00

	B16	B17	B18	B19	B20	.....	.....	.....	.....
	42	~~0~~24	~~2~~80	00	80	.....	.....	.....	.....

	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	~~0~~84	~~8~~00	80	00	42	~~0~~44	~~4~~30	80	00	42	~~0~~34	3~~3~~0	80	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.2.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 234/034 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:

LAI-MCC:	244
LAI-MNC:	034
TMSI:	"34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~44	~~4~~30	xx	xx	xx	00

7.2.3.4 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/081 to the SS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 081
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~14	~~1~~80	xx	xx	xx	00

$EF_{RPLMNACT}$ (Registered PLMN last used ACcess Technology)

Logically: Last registered ACT set to GSM

Coding:	B1	B2
Hex	00	80

7.2.4.4 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/081 to the SS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 082
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~24	~~2~~80	xx	xx	xx	00

$EF_{RPLMNACT}$ (Registered PLMN last used ACcess Technology)

Logically: Last registered ACT shall be set to UTRAN

Coding:	B1	B2
Hex	80	00

7.3.1.4.1 Initial conditions

For this test a USS is needed.

The USS transmits on two BCCHs, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 254/011/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/012/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{OPLMNwACT}$ (OPLMN Selector)

Logically:	1st PLMN:	254 012 (MCC MNC)
	1st ACT	UTRAN
	2nd PLMN:	254 011
	2nd ACT	UTRAN
	3rd PLMN:	254 002
	3rd ACT:	UTRAN
	4th PLMN:	254 003
	4th ACT:	UTRAN
	5th PLMN:	254 004
	5th ACT:	UTRAN
	6th PLMN:	254 005
	6th ACT:	UTRAN
	7th PLMN:	254 006
	7th ACT:	UTRAN
	8th PLMN:	254 007
	8th ACT:	UTRAN

Coding:	B01	B02	B03	B04	B05	B06	B07	B08	B09	B10
Hex	52	~~0~~2~~4~~	1~~2~~0	80	00	52	~~0~~1~~4~~	1~~1~~0	80	00
	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
	52	~~0~~2~~4~~	~~2~~0~~0~~	80	00	52	~~0~~3~~4~~	~~3~~0~~0~~	80	00
	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	52	~~0~~4~~4~~	~~4~~0~~0~~	80	00	52	~~0~~5~~4~~	~~5~~0~~0~~	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40
	52	~~0~~6~~4~~	~~6~~0~~0~~	80	00	52	~~0~~7~~4~~	~~7~~0~~0~~	80	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.3.1.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 254/012 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 254
LAI-MNC: 012
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~24	~~2~~10	Xx	xx	xx	00

7.3.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/010 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 010
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
	34	56	78	90	42	04	~~2~~10	xx	xx	xx	00

7.4.1.5 Acceptance criteria

1) After step e) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 246/081 to the USS.

2) After step g) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) The value of the internal timer shall not exceed 6 minutes.

NOTE: To take the systems processing time into account, the value of the internal timer may allowed to be a guard time of 1 s greater than the required 6 s.

4) After step i) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246
LAI-MNC: 081
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~16	~~1~~80	xx	xx	xx	00

7.4.2.4.1 Initial conditions

For this test both a GSM SS and a UTRAN USS is needed.

The GSM SS transmits on BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/081/0001.
- Access control: unrestricted.

After the registration of UE the GSM SS transmits on a second BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

At the same time as the SS sends on a second BCCH, the UMTS USS transmit on BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{HPLMNwACT}$ (HPLMN selector with Access Technology)

Logically: Set to MCC 246 and MNC 081
Set to UTRAN

Coding:	B1	B2	B3	B4	B5
Hex	42	~~0~~16	~~1~~80	80	00

EF_{HPLMN} (HPLMN Search period)

Logically: set to 6minutes

Coding:	B1
Hex	01

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.4.2.5 Acceptance criteria

1) After step e) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 246/081 to the USS.
2) After step g) the UE shall respond with TMSI REALLOCATION COMPLETE.
3) The value of the internal timer shall not exceed 6 minutes.

NOTE: To take the systems processing time into account, the value of the internal timer may allowed to be a guard time of 1 s greater than the required 6 s.

4) After step i) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246

LAI-MNC: 081
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~16	~~1~~80	xx	xx	xx	00

7.5.1.4.1 Initial conditions

For this test both a GSM SS and an UTRAN USS is needed.

The USS transmits on two BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 242/001/0001.
- Access control: unrestricted.

The GSM SS transmits on the BCCH with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 242/001/0001.
- Access control: unrestricted.

The default UICC shall be used with the following exception:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 242
LAI-MNC: 001
LAI-LAC: 9999
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~12	~~1~~00	99	99	FF	00

$EF_{RPLMNACT}$ (Registered PLMN Access Technology)

Logically: set to GSM

Coding:	B1	B2
Hex	00	80

The UICC shall be installed into the Terminal and the UE shall be set to automatic PLMN selection mode.

7.5.1.5 Acceptance criteria

After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	242
	LAI-MNC:	001
	LAI-LAC:	0001
	TMSI:	"34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~12	~~1~~00	00	01	FF	00

3GPP TSG-T3 Meeting #26
Lisboa, PT, 11.-14.02.2003

Tdoc ⌘T3-030137
(revised from T3-030058)

CR-Form-v7

CHANGE REQUEST

⌘ **31.121** **CR** **023** ⌘**rev** **-** ⌘ Current version: **4.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction of PLMN coding
Source:	⌘	TSG-T3
Work item code:	⌘	TEI
Date:	⌘	14/02/2003
Category:	⌘	**A**
Release:	⌘	Rel-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Incorrect coding of PLMN (not consistent with TS 24.008)
Summary of change:	⌘	Coding of PLMNs corrected
Consequences if not approved:	⌘	Incorrect tests

Clauses affected:	⌘	4.1.1.3, 4.1.1.7, 4.1.1.11, 4.1.1.12, 5.1.3.4.1, 5.1.4.4.1, 5.1.5.5, 7.1.1.4.1, 7.1.1.5, 7.1.2.4.1, 7.1.2.5, 7.1.3.4.1, 7.1.3.5, 7.2.1.5, 7.2.2.4.1, 7.2.2.5, 7.2.3.4, 7.2.4.4, 7.3.1.4.1, 7.3.1.5, 7.3.2.5, 7.4.1.5, 7.4.2.4.1, 7.4.2.5, 7.5.1.4.1, 7.5.1.5

		Y	N			
Other specs affected:	⌘		**N**	Other core specifications	⌘	
			N	Test specifications		
			N	O&M Specifications		

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4.1.1.3 EF_{LOCI} (Location Information)

Logically:
LAI-MCC: 246
LAI-MNC: 081
LAI-LAC: 0001
TMSI: "FF .. FF"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	FF	FF	FF	FF	42	106	180	00	01	FF	00

4.1.1.7 EF_{FPLMN} (Forbidden PLMNs)

Besides of the 4 mandatory EF_{FPLMN} 2 optional EF_{FPLMN} are defined according to TS 31.102 subclause 4.2.16.

Logically:
PLMN1: 234 001 (MCC MNC)
PLMN2: 234 002
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005
PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	104	010	32	204	020	32	304	030	32	404	040

	B13	B14	B15	B16	B17	B18
	32	504	050	32	604	060

4.1.1.11 $EF_{PLMNwACT}$ (User Controlled PLMN Selector with Access Technology)

Besides of the 8 mandatory PLMNwACT entries 4 optional PLMNwACT entries are defined according to TS 31.102 subclause 4.2.5. The Radio Access Technology identifier for the first two PLMN (1st PLMN and 2nd PLMN) are set to both UTRAN and GSM, all other PLMN to UTRAN only.

Logically:
1st PLMN: 244 081 (MCC MNC)
1st ACT: UTRAN
2nd PLMN: 244 081
2nd ACT: GSM
3rd PLMN: 244 082
3rd ACT: UTRAN
4th PLMN: 244 082
4th ACT: GSM
5th PLMN: 244 003
5th ACT: UTRAN
6th PLMN: 244 004
6th ACT: UTRAN
7th PLMN: 244 005
7th ACT: UTRAN
8th PLMN: 244 006
8th ACT: UTRAN
9th PLMN: 244 007
9th ACT: UTRAN
10th PLMN: 244 008
10th ACT: UTRAN
11th PLMN: 244 009
11th ACT: UTRAN

		12th PLMN:	244 010												
		12th ACT:	UTRAN												
Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	014	180	80	00	42	014	180	00	80	42	024	280	80	00
	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	42	024	280	00	80	42	034	300	80	00	42	044	400	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45
	42	054	500	80	00	42	064	600	80	00	42	074	700	80	00
	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	084	800	80	00	42	094	900	80	00	42	04	101	80	00

4.1.1.12 $EF_{OPLMNwACT}$ (Operator Controlled PLMN Selector with Access Technology)

The Radio Access Technology identifier for the first PLMN is set to both UTRAN and GSM, the other remaining PLMNs to UTRAN only.

Logically:	1st PLMN:	254 001 (MCC MNC)
	1st ACT:	UTRAN
	2nd PLMN:	254 001
	2nd ACT:	GSM
	3rd PLMN:	254 002
	3rd ACT:	UTRAN
	4th PLMN:	254 003
	4th ACT:	UTRAN
	5th PLMN:	254 004
	5th ACT:	UTRAN
	6th PLMN:	254 005
	6th ACT:	UTRAN
	7th PLMN:	254 006
	7th ACT:	UTRAN
	8th PLMN:	254 007
	8th ACT:	UTRAN

Coding:	B01	B02	B03	B04	B05	B06	B07	B08	B09	B10
Hex	52	014	100	80	00	52	014	100	00	80
	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
	52	024	200	80	00	52	034	300	80	00
	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	52	044	400	80	00	52	054	500	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40
	52	064	600	80	00	52	074	700	80	00

5.1.3.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	LAI-LAC:	0001
	TMSI:	"2143"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	00	00	21	43	42	~~0~~16	~~1~~80	00	01	FF	00

The UICC is installed into the Terminal and the UE is powered on.

5.1.4.4.1 Initial conditions

Prior to this test, the Terminal shall have been operated with a USIM containing TMSI "2143". This may be achieved by executing the previous test (5.1.3) prior to this test. Only under this condition will test purpose 3) be verified.

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	LAI-LAC:	0001
	TMSI:	"21430000"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	21	43	00	00	42	~~0~~16	~~1~~80	00	01	FF	00

The UICC is installed into the Terminal and the UE is powered on.

5.1.5.5 Acceptance criteria

1) After step a) the UE shall not respond to the PAGING REQUEST.
2) After step c) the UE shall send PAGING RESPONSE to the USS containing the IMSI stored in the USIM.
3) After step e) the UE shall send TMSI REALLOCATION COMPLETE to the USS.
4) After step g) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	246
	LAI-MNC:	081
	TMSI:	"32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	42	~~0~~16	~~1~~80	xx	xx	xx	00

EF_{Key} (Ciphering and Integrity Key)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: xx (result of the authentication algorithm)
Integrity Keys IK: xx (result of the authentication algorithm)

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	02	xx	xx	...	xx	xx	Xx	...	xx	xx	xx

7.1.1.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{IMSI} (IMSI)

Logically: 246081111111111

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9
Hex	08	29	64	80	11	11	11	11	11

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 234
LAI-MNC: 007
LAI-LAC: 0000
TMSI: "32547698"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	32	54	76	98	32	~~0~~74	~~1~~00	00	00	FF	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

EF_{Key} (Ciphering and Integrity Key)

Logically: Key Set Identifier KSI: 02
Ciphering Keys CK: undefined
Integrity Keys IK: undefined

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	02	xx	xx	...	xx	xx	xx	...	xx	xx	xx

7.1.1.5 Acceptance criteria

1) After each of the steps a) to d) the UE shall not attempt a LOCATION UPDATE.

2) After step f) the UE shall send LOCATION UPDATE REQUEST to the USS.

3) After step h) the UE shall send LOCATION UPDATE REQUEST to the USS.

4) After step i) the UE shall respond with TMSI REALLOCATION COMPLETE.

5) After step k) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	234
	LAI-MNC:	008
	TMSI:	"43658709"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	43	65	87	09	32	~~0~~84	~~8~~00	xx	xx	xx	00

EF_{Key} (Ciphering and Integrity Key)

Logically:	Key Set Identifier KSI:	07 (not available)
	Ciphering Keys CK:	xx
	Integrity Keys IK:	xx

Coding:	B1	B2	B3	...	B16	B17	B18	...	B30	B31	B32
Hex	07	xx	xx	...	xx	xx	Xx	...	xx	xx	xx

EF_{FPLMN} (Forbidden PLMNs)

Logically:	PLMN1:	234 002 (MCC MNC)
	PLMN2:	234 003
	PLMN3:	234 004
	PLMN4:	234 005
	PLMN5:	234 006
	PLMN6:	234 007

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	~~0~~24	~~2~~00	32	~~0~~34	~~3~~00	32	~~0~~44	040	32	5~~0~~4	~~5~~00

	B13	B14	B15	B16	B17	B18
	32	~~0~~64	~~6~~00	32	~~0~~74	~~7~~00

7.1.2.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/002/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: 234 001 (MCC MNC)
PLMN2: empty
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005
PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	~~0~~14	~~1~~00	FF	FF	FF	32	~~0~~34	~~3~~00	32	~~0~~44	~~4~~00

	B13	B14	B15	B16	B17	B18
	32	~~0~~54	~~5~~00	32	~~0~~64	~~6~~00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.1.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST to the USS.

2) After step d) the USIM shall contain:

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: 234 001 (MCC MNC)
PLMN2: 234 002
PLMN3: 234 003
PLMN4: 234 004
PLMN5: 234 005
PLMN6: 234 006

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	~~0~~14	~~1~~00	32	~~0~~24	~~2~~00	32	~~0~~34	~~3~~00	32	~~0~~44	~~4~~00

	B13	B14	B15	B16	B17	B18
	32	~~0~~54	~~5~~00	32	~~0~~64	~~6~~00

or

EF_{FPLMN} (Forbidden PLMNs)

Logically: PLMN1: 234 001 (MCC MNC)
PLMN2: 234 003
PLMN3: 234 004
PLMN4: 234 005
PLMN5: 234 006
PLMN6: 234 002

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	32	~~0~~14	~~1~~00	32	~~0~~34	~~3~~00	32	~~0~~44	~~4~~00	32	~~0~~54	~~5~~00

	B13	B14	B15	B16	B17	B18
	32	~~0~~64	~~6~~00	32	~~0~~24	~~2~~00

7.1.3.4.1 Initial conditions

The USS transmits on the BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 234/005/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

EF_{FPLMN} (Forbidden PLMNs)

Logically:	PLMN1:	empty
	PLMN2:	empty
	PLMN3:	empty
	PLMN4:	empty
	PLMN5:	234 005 (MCC MNC)
	PLMN6:	empty

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

	B13	B14	B15	B16	B17	B18
	32	~~0~~5 4	~~5~~0 0	FF	FF	FF

The UICC is installed into the Terminal and the UE is set to manual PLMN selection mode.

7.1.3.5 Acceptance criteria

1) After step c) the UE shall send LOCATION UPDATE REQUEST to the USS.
2) After step d) the UE shall respond with TMSI REALLOCATION COMPLETE.
3) After step f) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically:	LAI-MCC:	234
	LAI-MNC:	005
	TMSI:	"12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	32	~~0~~5 4	~~5~~0 0	xx	Xx	xx	00

EF_{FPLMN} (Forbidden PLMNs)

Logically:	PLMN1:	empty
	PLMN2:	empty
	PLMN3:	empty
	PLMN4:	empty
	PLMN5:	empty
	PLMN6:	empty

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Hex	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

B13	B14	B15	B16	B17	B18
FF	FF	FF	FF	FF	FF

7.2.1.5 Acceptance criteria

After step b) the USIM shall contain the following values:

$EF_{PLMNwACT}$ (UPLMN Selector)

Logically:	1st PLMN:	244 081 (MCC MNC)
	1st ACT:	UTRAN
	2nd PLMN:	567 002
	2nd ACT	UTRAN
	3rd PLMN:	244 082
	3rd ACT	UTRAN
	4th PLMN:	244 082
	4th ACT	GSM
	5th PLMN:	244 003
	5th ACT	UTRAN
	6th PLMN:	244 004
	6th ACT	UTRAN
	7th PLMN:	244 005
	7th ACT	UTRAN
	8th PLMN:	244 006
	8th ACT	UTRAN
	9th PLMN:	244 007
	9th ACT	UTRAN
	10th PLMN:	244 008
	10th ACT	UTRAN
	11th PLMN:	244 009
	11th ACT	UTRAN
	12th PLMN:	244 010
	12th ACT	UTRAN

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	~~0~~14	~~1~~80	80	00	65	~~0~~27	~~2~~00	80	00	42	~~0~~24	~~2~~80	80	00

	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	42	~~0~~24	~~2~~80	00	80	42	3~~0~~4	3~~0~~0	80	00	42	~~0~~44	4~~0~~0	80	00

	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45
	42	~~0~~54	~~5~~00	80	00	42	~~0~~64	~~6~~00	80	00	42	~~0~~74	~~7~~00	80	00

	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	~~0~~84	~~8~~00	80	00	42	~~0~~94	~~9~~00	80	00	42	04	~~0~~10	80	00

7.2.2.4.1 Initial conditions

The USS transmits on two BCCHs, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/033/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/034/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{PLMNwACT}$ (UPLMN Selector with Access Technology)

Logically:	1st PLMN:	244 081 (MCC MNC)
	1st ACT:	UTRAN
	2nd PLMN:	244 081
	2nd ACT	GSM
	3rd PLMN:	244 082
	3rd ACT	UTRAN
	3rd PLMN:	244 082
	3rd ACT	GSM
	.....	
	.....	
	10th PLMN:	244 008
	10th ACT	UTRAN
	11th PLMN:	244 034
	11th ACT	UTRAN
	12th PLMN:	244 033
	12th ACT	UTRAN

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
Hex	42	~~0~~14	~~1~~80	80	00	42	~~0~~14	~~1~~80	00	80	42	~~0~~24	~~2~~80	80	00
	B16	B17	B18	B19	B20	.....	.....	.....	.....						
	42	~~0~~24	~~2~~80	00	80	.....	.....	.....	.....						
	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60
	42	~~0~~84	~~8~~00	80	00	42	~~0~~44	~~4~~30	80	00	42	~~0~~34	3~~3~~0	80	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.2.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 234/034 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 034
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~44	~~4~~30	xx	Xx	xx	00

7.2.3.4 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/081 to the SS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 081
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~14	~~1~~80	xx	xx	xx	00

$EF_{RPLMNACT}$ (Registered PLMN last used ACcess Technology)

Logically: Last registered ACT set to GSM

Coding:	B1	B2
Hex	00	80

7.2.4.4 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/081 to the SS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 082
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~24	~~2~~80	xx	xx	xx	00

$EF_{RPLMNACT}$ (Registered PLMN last used ACcess Technology)

Logically: Last registered ACT shall be set to UTRAN

Coding:	B1	B2
Hex	80	00

7.3.1.4.1 Initial conditions

For this test a USS is needed.

The USS transmits on two BCCHs, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 254/011/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/012/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{OPLMNwACT}$ (OPLMN Selector)

Logically:

1st PLMN:	254 012 (MCC MNC)
1st ACT	UTRAN
2nd PLMN:	254 011
2nd ACT	UTRAN
3rd PLMN:	254 002
3rd ACT:	UTRAN
4th PLMN:	254 003
4th ACT:	UTRAN
5th PLMN:	254 004
5th ACT:	UTRAN
6th PLMN:	254 005
6th ACT:	UTRAN
7th PLMN:	254 006
7th ACT:	UTRAN
8th PLMN:	254 007
8th ACT:	UTRAN

Coding:	B01	B02	B03	B04	B05	B06	B07	B08	B09	B10
Hex	52	~~0~~24	~~12~~10	80	00	52	~~0~~14	1~~1~~0	80	00
	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
	52	~~0~~24	~~2~~00	80	00	52	~~0~~34	~~3~~00	80	00
	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
	52	~~0~~44	~~4~~00	80	00	52	~~0~~54	~~5~~00	80	00
	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40
	52	~~0~~64	~~6~~00	80	00	52	~~0~~74	~~7~~00	80	00

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.3.1.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 254/012 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 254
LAI-MNC: 012
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~24	~~2~~10	Xx	xx	xx	00

7.3.2.5 Acceptance criteria

1) After step b) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 244/010 to the USS.

2) After step c) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 244
LAI-MNC: 010
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
	34	56	78	90	42	04	~~2~~10	xx	xx	xx	00

7.4.1.5 Acceptance criteria

1) After step e) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 246/081 to the USS.

2) After step g) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) The value of the internal timer shall not exceed 6 minutes.

NOTE: To take the systems processing time into account, the value of the internal timer may allowed to be a guard time of 1 s greater than the required 6 s.

4) After step i) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246
LAI-MNC: 081
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~016	~~1~~80	xx	xx	xx	00

7.4.2.4.1 Initial conditions

For this test both a GSM SS and a UTRAN USS is needed.

The GSM SS transmits on BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 244/081/0001.
- Access control: unrestricted.

After the registration of UE the GSM SS transmits on a second BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

At the same time as the SS sends on a second BCCH, the UMTS USS transmit on BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

The default UICC is used with the following exception:

$EF_{HPLMNwACT}$ (HPLMN selector with Access Technology)

Logically: Set to MCC 246 and MNC 081
Set to UTRAN

Coding:	B1	B2	B3	B4	B5
Hex	42	~~0~~016	~~1~~80	80	00

EF_{HPLMN} (HPLMN Search period)

Logically: set to 6minutes

Coding:	B1
Hex	01

The UICC is installed into the Terminal and the UE is set to automatic PLMN selection mode.

7.4.2.5 Acceptance criteria

1) After step e) the UE shall send LOCATION UPDATE REQUEST containing an MCC/MNC of 246/081 to the USS.

2) After step g) the UE shall respond with TMSI REALLOCATION COMPLETE.

3) The value of the internal timer shall not exceed 6 minutes.

NOTE: To take the systems processing time into account, the value of the internal timer may allowed to be a guard time of 1 s greater than the required 6 s.

4) After step i) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 246
LAI-MNC: 081
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~16	~~1~~80	xx	xx	xx	00

7.5.1.4.1 Initial conditions

For this test both a GSM SS and an UTRAN USS is needed.

The USS transmits on two BCCH, with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 246/081/0001.
- Access control: unrestricted.

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 242/001/0001.
- Access control: unrestricted.

The GSM SS transmits on the BCCH with the following network parameters:

- Attach/detach: disabled.
- LAI (MCC/MNC/LAC): 242/001/0001.

- Access control: unrestricted.

The default UICC shall be used with the following exception:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 242
LAI-MNC: 001
LAI-LAC: 9999
TMSI: "12345678"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	12	34	56	78	42	~~0~~12	~~1~~00	99	99	FF	00

$EF_{RPLMNACT}$ (Registered PLMN Access Technology)

Logically: set to GSM

Coding:	B1	B2
Hex	00	80

The UICC shall be installed into the Terminal and the UE shall be set to automatic PLMN selection mode.

7.5.1.5 Acceptance criteria

After step e) the USIM shall contain the following values:

EF_{LOCI} (Location Information)

Logically: LAI-MCC: 242
LAI-MNC: 001
LAI-LAC: 0001
TMSI: "34567890"

Coding:	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
Hex	34	56	78	90	42	~~0~~12	~~1~~00	00	01	FF	00