
Source: SA1
Title: CRs to 22.101 on Clean-up in Core Network Operator Name Indication section (Rel-6, Rel-7)
Document for: Approval
Agenda Item: 7.1.3

Meeting	SA Doc	TS No.	CR No	Rev	Rel	Cat	Subject	Vers. Current	Vers New	SA1 Doc
SP-27	SP-050058	22.101	157	-	Rel-6	F	Clean-up in Core Network Operator Name Indication section (22.101)	6.8.0	6.9.0	S1-050160
SP-27	SP-050058	22.101	158	-	Rel-7	A	Clean-up in Core Network Operator Name Indication section (22.101)	7.0.0	7.1.0	S1-050161

CR-Form-v7
CHANGE REQUEST
⌘ 22.101 CR 157 ⌘ rev - ⌘ Current version: 6.8.0 ⌘

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 ME Radio Access Network Core Network

Title:	⌘ Clean-up in Core Network Operator Name Indication section (22.101)
Source:	⌘ SA1 (TeliaSonera AB)
Work item code:	⌘ NTShar
	Date: ⌘ 17/12/2004
Category:	⌘ F
	Use <u>one</u> 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 .
	Release: ⌘ Rel-6 Use <u>one</u> 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:	⌘ Unclear Specification
Summary of change:	⌘ Deletion of Note
Consequences if not approved:	⌘ Readers of stage1 (only) may be misled to believe that there are unresolved issues regarding Core Network Operator Name Indication. (And of course our 22.101 does not look good with an FFS in it.)

Clauses affected:	⌘ A.4a								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"> </td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;"> </td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;"> </td> <td style="padding: 2px;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N		X		X		X
Y	N								
	X								
	X								
	X								
Other comments:	⌘ The proposed change does not impact on stage2 and stage3.								

A.3 Country/PLMN indication

The country/PLMN indicator shows in which PLMN the UE is currently registered. This indicator is necessary so that the user knows when "roaming" is taking place and that the choice of PLMN is correct. Both the country and PLMN will be indicated. When more than one visited PLMN is available in a given area such information will be indicated.

The PLMN name is either:

- Stored in the ME and associated with the MCC+MNC combination received on the broadcast channel;
- NITZ (see 22.042 [17]) (in which case it overrides the name stored in the UE);
- stored in the USIM and associated with the MCC+MNC combination, and optionally the LAI, received on the broadcast channel (in which case it overrides the name stored in the UE and – if present – the NITZ name).

It shall be possible to store on the USIM at least 10 PLMN Identifications (MCC+MNC combination and optionally the LAI) for which the same PLMN name shall be displayed.

The PLMN name stored in the USIM has the highest priority, followed by the PLMN name provided by NITZ. The PLMN name stored in the ME has the lowest priority.

A.4 Service Provider Name indication

The service provider name is stored in the USIM in text and/or optionally graphic format. It shall be possible to associate at least 10 PLMN Identifications (MCC+MNC combination and optionally the LAI) with the same SP Name.

When registered on the HPLMN, or one of the PLMN Identifications used for Service Provider Name display:

- (i) The SP Name shall be displayed;
- (ii) Display of the PLMN Name is optional (i.e. the Service Provider name shall be displayed either in parallel to the PLMN Name or instead of the PLMN Name).

When registered on neither the HPLMN, nor one of the PLMN Identifications used for Service Provider Name display:

- (i) The PLMN name shall be displayed;
- (ii) Display of the SP Name is optional.

If the UE is unable to display the full name of the Service Provider the name is cut from the tail end. The storage of Service Provider name and options, and choice of options, shall be under control of the network operator.

***** Modified Section *****

A.4a Core Network Operator Name indication

It shall be possible for the UE to display the name of the core network operator the user has selected.

~~NOTE: The display of the core network name in relation to the display of PLMN name and service provider name is FFS.~~

***** End Modified Section *****

CR-Form-v7

CHANGE REQUEST

⌘ **22.101 CR 158** ⌘ rev **-** ⌘ Current version: **7.0.0** ⌘

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 ME Radio Access Network Core Network

Title:	⌘ Clean-up in Core Network Operator Name Indication section (22.101)		
Source:	⌘ SA1 (TeliaSonera AB)		
Work item code:	⌘ NTShar	Date:	⌘ 18/01/2005
Category:	⌘ A	Release:	⌘ Rel-7
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)	
		Rel-5 (Release 5)	
		Rel-6 (Release 6)	

Reason for change:	⌘ Unclear Specification		
Summary of change:	⌘ Deletion of Note		
Consequences if not approved:	⌘ Readers of stage1 (only) may be misled to believe that there are unresolved issues regarding Core Network Operator Name Indication. (And of course our 22.101 does not look good with an FFS in it.)		

Clauses affected:	⌘ A.4a										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	X	X	X	X	X	X	Other core specifications	⌘
Y	N										
X	X										
X	X										
X	X										
		Test specifications									
		O&M Specifications									
Other comments:	⌘ The proposed change does not impact on stage2 and stage3.										

A.3 Country/PLMN indication

The country/PLMN indicator shows in which PLMN the UE is currently registered. This indicator is necessary so that the user knows when "roaming" is taking place and that the choice of PLMN is correct. Both the country and PLMN will be indicated. When more than one visited PLMN is available in a given area such information will be indicated.

The PLMN name is either:

- Stored in the ME and associated with the MCC+MNC combination received on the broadcast channel;
- NITZ (see 22.042 [17]) (in which case it overrides the name stored in the UE);
- stored in the USIM and associated with the MCC+MNC combination, and optionally the LAI, received on the broadcast channel (in which case it overrides the name stored in the UE and – if present – the NITZ name).

It shall be possible to store on the USIM at least 10 PLMN Identifications (MCC+MNC combination and optionally the LAI) for which the same PLMN name shall be displayed.

The PLMN name stored in the USIM has the highest priority, followed by the PLMN name provided by NITZ. The PLMN name stored in the ME has the lowest priority.

A.4 Service Provider Name indication

The service provider name is stored in the USIM in text and/or optionally graphic format. It shall be possible to associate at least 10 PLMN Identifications (MCC+MNC combination and optionally the LAI) with the same SP Name.

When registered on the HPLMN, or one of the PLMN Identifications used for Service Provider Name display:

- (i) The SP Name shall be displayed;
- (ii) Display of the PLMN Name is optional (i.e. the Service Provider name shall be displayed either in parallel to the PLMN Name or instead of the PLMN Name).

When registered on neither the HPLMN, nor one of the PLMN Identifications used for Service Provider Name display:

- (i) The PLMN name shall be displayed;
- (ii) Display of the SP Name is optional.

If the UE is unable to display the full name of the Service Provider the name is cut from the tail end. The storage of Service Provider name and options, and choice of options, shall be under control of the network operator.

*** Modified Section ***

A.4a Core Network Operator Name indication

It shall be possible for the UE to display the name of the core network operator the user has selected.

~~NOTE: The display of the core network name in relation to the display of PLMN name and service provider name is FFS.~~

*** End Modified Section ***