
Source: SA1
Title: CRs to 22.011 R99 and Rel-4 on 'Interaction between "equivalent PLMN" list and "Forbidden PLMN" list'
Document for: Approval
Agenda Item: 7.1.3

Doc-1st-Level	Spec	CR	Rev	Phase	Cat	Subject	Vers	Vers New	Doc-2nd-Level
SP-010666	22.011	040		R99	F	CR to 22.011 R99 'Interaction between "equivalent PLMN" list and "Forbidden PLMN" list'	3.5.0	3.6.0	1340
SP-010666	22.011	041		Rel4	A	CR to 22.011 R4 'Interaction between "equivalent PLMN" list and "Forbidden PLMN" list'	4.4.0	4.5.0	1339

CR-Form-v4

CHANGE REQUEST

⌘ **22.011 CR 040** ⌘ ev **-** ⌘ Current version: **3.5.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Interaction between "equivalent PLMN" list and "Forbidden PLMN" list		
Source:	⌘ SA1		
Work item code:	⌘	Date:	⌘ 09 – 11 – 2001
Category:	⌘ F	Release:	⌘ R99
	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)

Reason for change:	⌘ A requirement to check the equivalent PLMN list against the forbidden PLMN list has been added. The intention is to make sure that equivalent PLMN list does not contain forbidden PLMNs
Summary of change:	⌘ Paragraph added in 3.2.2.4.1
Consequences if not approved:	⌘ The equivalent PLMN list may contain a forbidden PLMN and the UE may try to reselect the forbidden PLMN and losing the PDP context when rejected. If the Forbidden PLMN list is not checked, multiple attempts to access a forbidden PLMN may be performed over time.

Clauses affected:	⌘ 3.2.2.4.1
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘
	<input type="checkbox"/> Test specifications
	<input type="checkbox"/> O&M Specifications
Other comments:	⌘ Some text to fulfil this requirement can already be found in 24.008 4.7.5.1.3

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.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.

3.2.2.4.1 "Permanent" PLMN restriction

When a registration attempt by the UE is rejected by a network with an indication of "permanent" PLMN restriction, the PLMN identity shall be written to a list of "Forbidden PLMNs" stored in a data field in the SIM/USIM.

If a successful registration (whilst in manual mode) is achieved on a PLMN in the "Forbidden PLMN" list, the PLMN shall be deleted from the list.

When in automatic mode, the UE may indicate any PLMNs which will not be selected due to their presence in the "Forbidden PLMN" list.

If a UE receives a equivalent PLMN list containing a PLMN which is included in the "Forbidden PLMN" list, this PLMN shall be removed from the equivalent PLMN list before this is stored by the UE.

CR-Form-v4

CHANGE REQUEST

⌘ **22.011 CR 041** ⌘ ev **-** ⌘ Current version: **4.4.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Interaction between "equivalent PLMN" list and "Forbidden PLMN" list		
Source:	⌘ SA1		
Work item code:	⌘	Date:	⌘ 09 – 11 – 2001
Category:	⌘ A	Release:	⌘ REL-4
	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)
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			REL-5 (Release 5)

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Clauses affected:	⌘ 3.2.2.4.1	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘
	<input type="checkbox"/> Test specifications	
	<input type="checkbox"/> O&M Specifications	
Other comments:	⌘ Some text to fulfil this requirement can already be found in 24.008 4.7.5.1.3	

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