TSGS#14(01)0685

Technical Specification Group Services and System Aspects Meeting #14, Kyoto, Japan, 17-20 December 2001

Source: SA1

Title: CRs to 22.011 R99 and Rel-4 on 'Interaction between equivalent

PLMN list and periodic network selection attempts'

Document for: Approval

Agenda Item: 7.1.3

Doc-1st- Level	Spec	CR	Rev	Phase	Cat	Subject	Vers	Vers New	Doc-2nd- Level
SP-010665	22.011	030		R99	F	CR to 22.011 R99 'Interaction between equivalent PLMN list and periodic network selection attempts'	3.5.0	3.6.0	1282
SP-010665	22.011	031		Rel-4	Α	CR to 22.011 R4 'Interaction between equivalent PLMN list and periodic network selection attempts'	4.4.0	4.5.0	1341

CR-Form-v											CR-Form-v4
CHANGE REQUEST											
*	22.	011	CR	030	₩ e	-	ж	Current ve	rsion:	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											
Title:	Inte	ractio	n betwee	en equivale	ent PLMN	list ar	nd per	iodic netwo	rk selec	ction atter	mpts
Source: #	One	2 On	e Perso	nal Comm	unication	s Limit	ed				
Work item code: ₩								Date:	₩ 09	– 11 – 20	01
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Reason for change: The current text allows the reselection of a lower priority PLMN. This is because the priority of the selected PLMN is only checked if there exists a equivalent PLMN list. The new text corrects this problem											
Summary of chang	ge: #	New text is added to 3.2.2.5 to indicate that in the priority of a selected PLMN during a periodic scan shall be checked according to the rules of 3.2.2.2. The behaviour in the case of a UE with a stored equivalent PLMN is not affected									
Consequences if not approved:	Ж							rk selection I PLMN one		ot to resel	ect a
Clauses affected:	ж	3.2.2	2.5								
Other specs Affected:	*	Te	est speci	e specificat fications cifications	ions	*					
Other comments:	\mathfrak{H}										

S1-011282

Agenda Item: 7

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.	f

3.2.2.5 Periodic network selection attempts

A UE in Automatic Mode shall make periodic attempts to look for a higher priority PLMN of the same country as the currently received PLMN. For the ranking of PLMNs the UE shall use the order used in subclause 3.2.2.2. In the case that the UE has stored a list of equivalent PLMNs, the UE shall only select a PLMN if it has a higher priority than any of the PLMNs, in the list of equivalent PLMNs, which are of the same country as the currently registered PLMN. For the ranking of PLMNs the UE shall use the order used in subclause 3.2.2.2 (i.e. HPLMN, followed by PLMNs in the "User Controlled PLMN Selector"), followed by PLMNs in the "Operator Controlled PLMN Selector").

The UE shall only make reselection attempts while in idle mode for circuit services.

The interval between attempts shall be stored in the SIM/USIM. Only the service provider shall be able to select for which of the previous situations, periodic network selection shall be attempted and to set the interval, which shall be between 6 minutes and 8 hours, with a step size of 6 minutes. One value shall be designated to indicate that no periodic attempts shall be made.

In the absence of a permitted value in the SIM/USIM, or the SIM/USIM is phase 1 and therefore does not contain the datafield, then a default value of 60 minutes, shall be used by the UE.

NOTE: Use of values less than 60 minutes may result in excessive ME battery drain.

3.2.2.6 Investigation PLMN Scan

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CHANGE REQUEST													
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For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the % symbols.													
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Title: ∺	Inte	eractio	n betwee	en equivale	nt PLN	MN li	st and	d per	iodic n	etwork	selec	ction att	empts
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S1-011341

Agenda Item: 7

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