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 'Clarification on the interpretation of the term "country" in 22.011'
Document for:	Approval
Agenda Item:	7.1.3

Doc-1st- Level	Spec	CR	Rev	Phase	Cat	Subject	Vers	Vers New	Doc-2nd- Level
SP-010669	22.011	032		R99	F	CR to 22.011 R99 'Clarification on the interpretation of the term "country" in 22.011'	3.5.0	3.6.0	1331
SP-010669	22.011	033		Rel-4	A	CR to 22.011 R4 'Clarification on the interpretation of the term "country" in 22.011'	4.4.0	4.5.0	1332

TSG-SA WG 1 (Services) meeting #14 Kobe, Japan, 5-9 November 2001

S1-011331 Agenda Item: 7

2

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.

NOTE: a country can be identified by more than one Mobile Country Code.

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.

TSG-SA WG 1 (Services) meeting #14 Kobe, Japan, 5-9 November 2001

S1-011332 Agenda Item: 7

2

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.

NOTE: a country can be identified by more than one Mobile Country Code.

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.