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**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

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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

CR-Form-v4

## CHANGE REQUEST

⌘ **22.011 CR 032** ⌘ 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

<b>Title:</b>	⌘ Clarification on the interpretation of the term "country" in 22.011		
<b>Source:</b>	⌘ One 2 One Personal Communications Limited		
<b>Work item code:</b>	⌘ <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;"></span>		
<b>Date:</b>	⌘ 09 -11 – 2001		
<b>Category:</b>	⌘ <b>F</b>		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>Use <u>one</u> of the following categories:</i>  <b>F</b> (correction)  <b>A</b> (corresponds to a correction in an earlier release)  <b>B</b> (addition of feature),  <b>C</b> (functional modification of feature)  <b>D</b> (editorial modification)                      Detailed explanations of the above categories can be found in 3GPP <a href="http://www.3gpp.org/Specs/TR_21.900">TR 21.900</a>.                 </td> <td style="width: 50%; vertical-align: top;"> <i>Use <u>one</u> of the following releases:</i>  <b>2</b> (GSM Phase 2)  <b>R96</b> (Release 1996)  <b>R97</b> (Release 1997)  <b>R98</b> (Release 1998)  <b>R99</b> (Release 1999)  <b>REL-4</b> (Release 4)  <b>REL-5</b> (Release 5)                 </td> </tr> </table>	<i>Use <u>one</u> of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="http://www.3gpp.org/Specs/TR_21.900">TR 21.900</a> .	<i>Use <u>one</u> of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>REL-4</b> (Release 4) <b>REL-5</b> (Release 5)
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<b>Release:</b>	⌘ R99		

<b>Reason for change:</b>	⌘ Clarify that a country may correspond to more than one mobile country code
<b>Summary of change:</b>	⌘ A note has been added to 3.2.2.5 to indicate that a country can be identified by more than one mobile country code
<b>Consequences if not approved:</b>	⌘ Possible misinterpretation of the term "country" and one to one association of a country with a single MCC. In the future it is possible that each country is allocated more than one country code and the standards must be prepared for this scenario.

<b>Clauses affected:</b>	⌘ 3.2.2.5									
<b>Other specs affected:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><input type="checkbox"/></td> <td style="width: 40%;">Other core specifications</td> <td style="width: 30%;">⌘ 23.122</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Test specifications</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>O&amp;M Specifications</td> <td></td> </tr> </table>	<input type="checkbox"/>	Other core specifications	⌘ 23.122	<input type="checkbox"/>	Test specifications		<input type="checkbox"/>	O&M Specifications	
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<b>Other comments:</b>	⌘ <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;"></span>									

### 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](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/](http://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.

### 3.2.2.5 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.

CR-Form-v4

## CHANGE REQUEST

⌘ **22.011 CR 033** ⌘ 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

<b>Title:</b>	⌘ Clarification on the interpretation of the term "country" in 22.011		
<b>Source:</b>	⌘ One 2 One Personal Communications Limited		
<b>Work item code:</b>	⌘	<b>Date:</b>	⌘ 09 – 11 – 2001
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ REL-4
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)		2 (GSM Phase 2)
	<b>A</b> (corresponds to a correction in an earlier release)		R96 (Release 1996)
	<b>B</b> (addition of feature),		R97 (Release 1997)
	<b>C</b> (functional modification of feature)		R98 (Release 1998)
	<b>D</b> (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP <a href="http://www.3gpp.org/ftp/Specs/CRs.htm">TR 21.900</a> .		REL-4 (Release 4)
			REL-5 (Release 5)

<b>Reason for change:</b>	⌘ Clarify that a country may correspond to more than one mobile country code
<b>Summary of change:</b>	⌘ A note has been added to 3.2.2.5 to indicate that a country can be identified by more than one mobile country code
<b>Consequences if not approved:</b>	⌘ Possible misinterpretation of the term "country" and one to one association of a country with a single MCC. In the future it is possible that each country is allocated more than one country code and the standards must be prepared for this scenario.

<b>Clauses affected:</b>	⌘ 3.2.2.5
<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications ⌘ 23.122
	<input type="checkbox"/> Test specifications
	<input type="checkbox"/> O&M Specifications
<b>Other comments:</b>	⌘

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