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**Source:** SA5 (Telecom Management)  
**Title:** 2 Rel-4 CRs 32.652 (GERAN network resources IRP: NRM) :  
Correction of supported IRP in system context  
**Document for:** Approval  
**Agenda Item:** 7.5.3

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Doc-1 <sup>st</sup> -Level	Spec	CR	R	Phase	Subject	Cat	Ver Cur	Ver New	Doc-2 <sup>nd</sup> -Level	Workite m
SP-020305	32.652	003	-	Rel-4	Addition of the attributes mcc and mnc in the object model of GERAN	F	4.2.0	4.3.0	S5-026067	OAM-CM
SP-020305	32.652	004	-	Rel-4	Correction of attribute descriptions in the Managed Object Class (MOC) GsmRelation of 32.652 (GERAN network resources IRP: NRM)	F	4.2.0	4.3.0	S5-026068	OAM-CM

## CHANGE REQUEST

⌘ **32.652 CR 003** ⌘ rev **-** ⌘ Current version: **4.2.0** ⌘

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>	⌘ Addition of the attributes mcc and mnc in the object model of GERAN		
<b>Source:</b>	⌘ SA5		
<b>Work item code:</b>	⌘ OAM-CM	<b>Date:</b>	⌘ 05/04/2002
<b>Category:</b>	⌘ <b>F</b> Use <u>one</u> of the following categories: <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/ftp/Specs/3GPP2/21.900">TR 21.900</a> .	<b>Release:</b>	⌘ <b>REL-4</b> Use <u>one</u> of the following releases: <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)

<b>Reason for change:</b>	⌘ Addition of the attributes mcc and mnc to the MOC ExternalGsmCell.
<b>Summary of change:</b>	⌘ Addition of the attributes mcc and mnc to the MOC ExternalGsmCell.
<b>Consequences if not approved:</b>	⌘ A GSM Cell cannot be identified by its CGI.

<b>Clauses affected:</b>	⌘ 6.3.5
<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
<b>Other comments:</b>	⌘

### 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.

### 6.3.5 MOC ExternalGsmCell

This Managed Object Class represents a radio cell controlled by another IRPAgent. This MOC has necessary attributes for inter-system handover. It contains a subset of the attributes of related MOCs controlled by another IRPAgent. To maintain the consistency between the attribute values of these two MOCs is outside the scope of this document.

**Table 10: Attributes of ExternalGsmCell**

Name	Qualifier	Description
externalGsmCellId	READ-ONLY, M	An attribute whose 'name+value' can be used as an RDN when naming an instance of this object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.
userLabel	READ-WRITE, M	A user friendly (and user assigned) name of the associated object.
cellIdentity	READ-WRITE, M	Cell identity, (3GPP TS 24.008 [3])
bcchFrequency	READ-WRITE, M	This attribute contains the absolute radio frequency channel number of the BCCH channel of the GSM cell.
ncc	READ-WRITE, M	Network Colour Code, NCC (part of BSIC. Ref 3GPP TS 44.018 [4]).
bcc	READ-WRITE, M	Base station colour code, BCC (part of BSIC. Ref 3GPP TS 44.018 [4]).
lac	READ-WRITE, M	Location Area Code, LAC (Ref 3GPP TS 24.008 [3]).
<del>mcc</del>	<del>READ-WRITE, M</del>	<del>Mobile Country Code (Ref 3GPP TS 23.003 [8])</del>
<del>mnc</del>	<del>READ-WRITE, M</del>	<del>Mobile Network Code (Ref 3GPP TS 23.003 [8])</del>
rac	READ-WRITE, O	Routing Area Code, RAC. Ref 3GPP TS 44.018 [4]. See Note for the optional condition.
racc	READ-WRITE, O	Routing Area Colour Code, RACC. Ref 3GPP TS 44.018 [4]. See Note for the optional condition.
<del>rac</del>	<del>READ-WRITE, O</del>	<del>Routing Area Code, RAC. See Note for the optional condition.</del>
<del>racc</del>	<del>READ-WRITE, O</del>	<del>Routing Area Colour Code, RACC. See Note for the optional condition.</del>
NOTE: This attribute shall be included if the cell is a GPRS cell.		

## CHANGE REQUEST

⌘ **32.652 CR 004** ⌘ rev **-** ⌘ Current version: **4.2.0** ⌘

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>	⌘	Correction of attribute descriptions in the Managed Object Class (MOC) GsmRelation of 32.652 (GERAN network resources IRP: NRM)
<b>Source:</b>	⌘	SA5
<b>Work item code:</b>	⌘	OAM-CM
		<b>Date:</b> ⌘ 05/04/2002
<b>Category:</b>	⌘	<b>F</b>
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p><b>F</b> (correction)</p> <p><b>A</b> (corresponds to a correction in an earlier release)</p> <p><b>B</b> (addition of feature),</p> <p><b>C</b> (functional modification of feature)</p> <p><b>D</b> (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a>.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p><b>2</b> (GSM Phase 2)</p> <p><b>R96</b> (Release 1996)</p> <p><b>R97</b> (Release 1997)</p> <p><b>R98</b> (Release 1998)</p> <p><b>R99</b> (Release 1999)</p> <p><b>REL-4</b> (Release 4)</p> <p><b>REL-5</b> (Release 5)</p> </div> </div>

<b>Reason for change:</b>	⌘	The descriptions of some attributes in GsmRelation are wrong.
<b>Summary of change:</b>	⌘	The descriptions are corrected.
<b>Consequences if not approved:</b>	⌘	The specification is ambiguous on whether Inter-System-Handover is supported or not.

<b>Clauses affected:</b>	⌘	6.3.4
<b>Other specs affected:</b>	⌘	<input type="checkbox"/> Other core specifications      ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
<b>Other comments:</b>	⌘	

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## 6.3.4 MOC GsmRelation

The 'GsmRelation' managed object contains radio network related parameters for the relation to the 'GsmCell' or 'ExternalGsmCell' managed object. Note: In handover relation terms, the cell containing the GSM Relation object is the source cell for the handover. The cell referred to in the GSM relation object is the target cell for the handover. This defines a one-way handover relation where the direction is *from* source cell *to* target cell.

**Table 8: Attributes of GsmRelation**

Name	Qualifier	Description
gsmRelationId	READ-ONLY, M	An attribute whose 'name+value' can be used as an RDN when naming an instance of this object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.
relationType	READ-WRITE, M	Type of relation: e.g. Intersystem relation, intra system relation.
adjacentCell	READ-WRITE, M	Pointer to GSM cell or external GSM cell. Distinguished Name of the corresponding object..
bcchFrequency	READ-ONLY, O	This attribute contains the absolute radio frequency channel number of the BCCH channel of <a href="#">another GSM cell</a> or the external GSM cell, that is broadcasted in System Information in the <a href="#">UtranCell</a> . See Note for the optional condition.
ncc	READ-ONLY, O	Network Colour Code, NCC (part of BSIC. Ref 3GPP TS 44.018 [4]) for <a href="#">another GSM cell</a> or the external GSM cell, that is broadcasted in System Information in the <a href="#">UtranCell</a> . See Note for the optional condition.
bcc	READ-ONLY, O	Base station colour code, BCC (part of BSIC. Ref 3GPP TS 44.018 [4]) for <a href="#">another GSM cell</a> or the external GSM cell, that is broadcasted in System Information in the <a href="#">UtranCell</a> . See Note for the optional condition.
lac	READ-ONLY, O	Location Area Code, LAC (Ref 3GPP TS 24.008 [3]) for <a href="#">another GSM cell</a> or the external GSM cell, that is broadcasted in System Information in the <a href="#">UtranCell</a> . See Note for the optional condition.
NOTE: This attribute shall be included if the EM does not guarantee consistency between the cell definition and what is broadcasted on system information.		