
Source: SA5 (Telecom Management)
Title: Rel-4 CR 32.642 (UTRAN network resources IRP: NRM) :
Corrections of reference in figure 6.2 and of attribute
descriptions in UtranRelation
Document for: Approval
Agenda Item: 7.5.3

Doc-1 st -Level	Spec	CR	R	Phase	Subject	Cat	Ver Cur	Ver New	Doc-2 nd -Level	Workite m
SP-020303	32.642	001	-	Rel-4	Corrections of reference in figure 6.2 and of attribute descriptions in UtranRelation in 32.642 (UTRAN network resources IRP: NRM)	F	4.0.0	4.1.0	S5-026064	OAM-CM

CHANGE REQUEST

⌘ **32.642 CR 001** ⌘ rev **-** ⌘ Current version: **4.0.0** ⌘

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:	⌘	Corrections of reference in figure 6.2 and of attribute descriptions in UtranRelation in 32.642 (UTRAN network resources IRP: NRM)
Source:	⌘	SA5
Work item code:	⌘	OAM-CM
		Date: ⌘ 05/04/2002
Category:	⌘	F
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use one of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use one of the following releases:</i></p> <p>2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>REL-4 (Release 4)</p> <p>REL-5 (Release 5)</p> </div> </div>

Reason for change:	⌘	The reference for ExternalGsmCell is wrong in figure 6.2 and the descriptions for some attributes in UtranRelation are wrong.
Summary of change:	⌘	The reference and the descriptions are corrected.
Consequences if not approved:	⌘	<p>It is not possible to find the information about the object following the present reference.</p> <p>The specification is ambiguous whether Inter System Handover is supported or not.</p>

Clauses affected:	⌘	6.2.2 and 6.3.5.
Other specs affected:	⌘	<input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
Other comments:	⌘	

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:

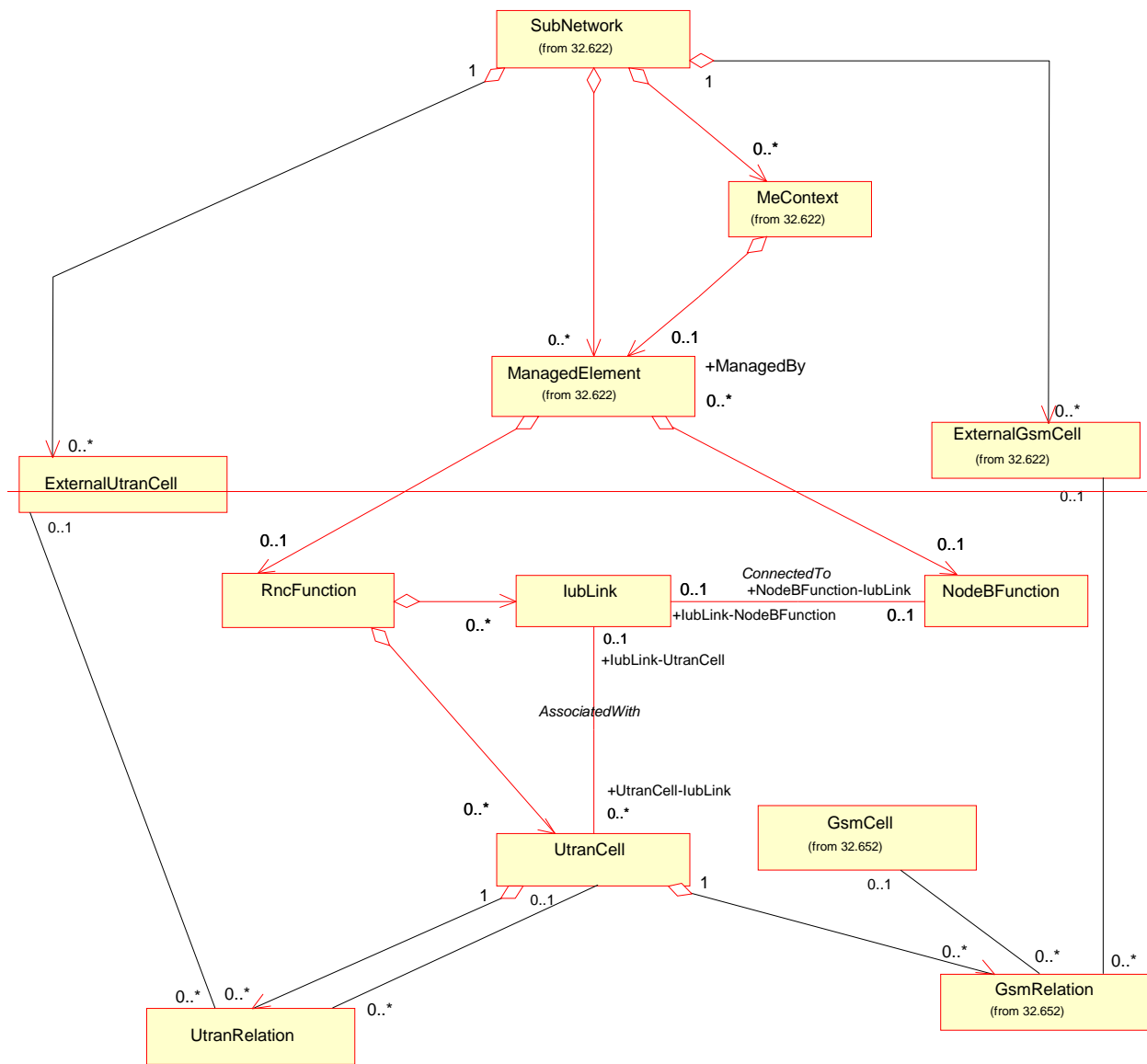
- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") 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.

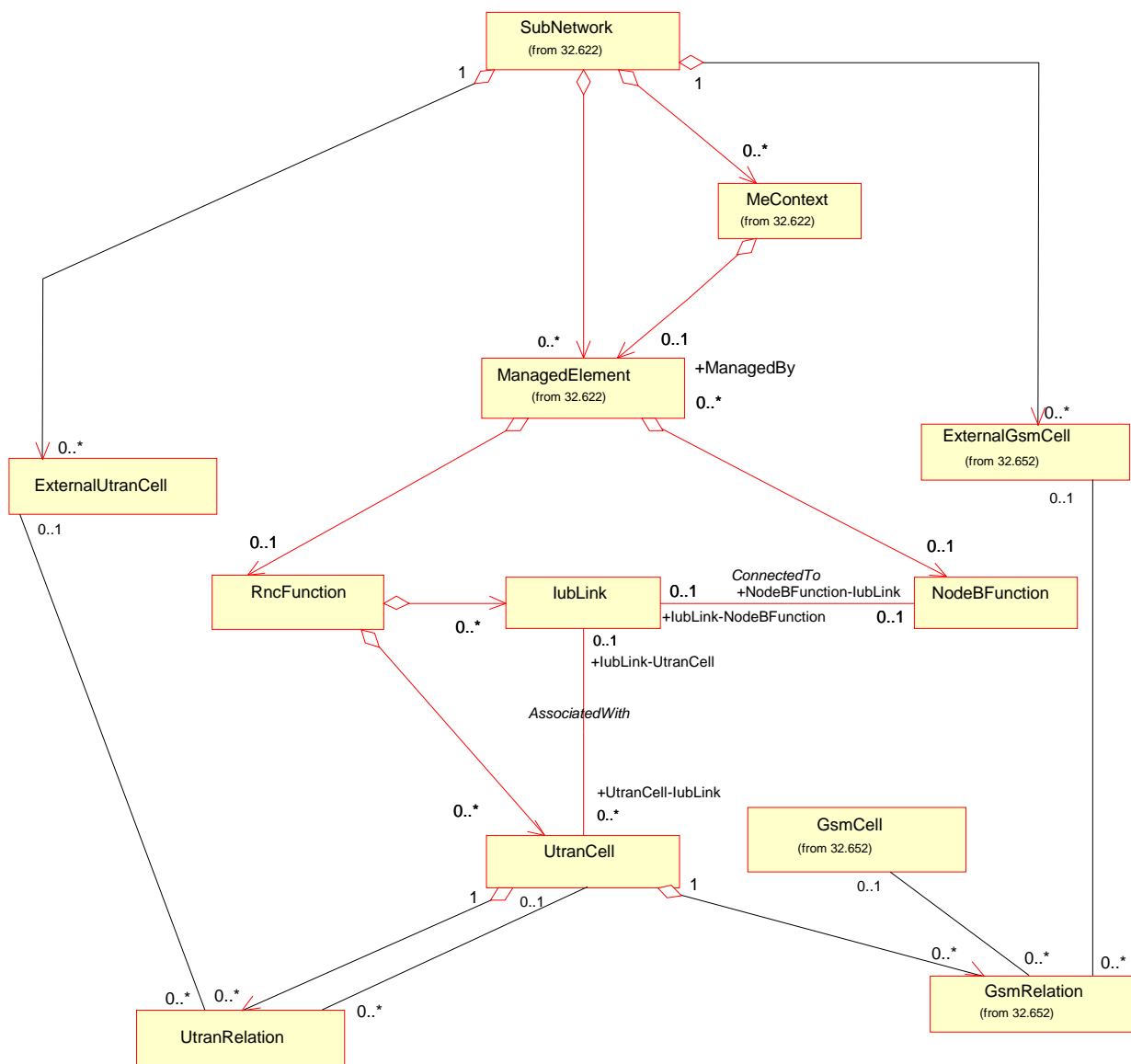
6.2.2 Containment/Naming and Association diagrams

Figure 6.2 and 6.3 show the containment/naming hierarchy and the associations of the UTRAN NRM.

NOTE: The Managed Object containment/naming relationships are in the diagram(s) below indicated by UML “Aggregation by reference” (“hollow diamonds”).

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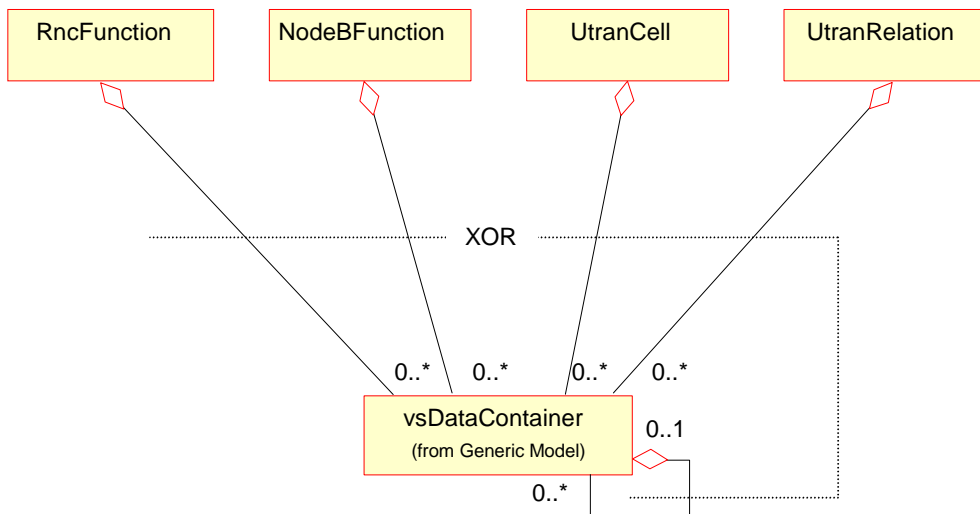


- NOTE 1: The listed cardinality numbers represent transient as well as steady-state numbers, and reflect all managed object creation and deletion scenarios.
- NOTE 2 : The association between GsmRelation and GsmCell is optional. It may be valid if both the UtranCell and the GsmCell are managed by the same management node.
- NOTE 3: The UtranRelation and GeranRelation can be contained under MOCs defined in other NRMs.

Figure 6.2: UTRAN NRM Containment/Naming and Association diagram

Each Managed Object is identified with a Distinguished Name (DN) according to 3GPP TS 32.300 [13] that expresses its containment hierarchy. As an example, the DN of a Managed Object representing a cell could have a format like:

SubNetwork=Sweden,meContext=MEC-Gbg-1,ManagedElement=RNC-Gbg-1, rncFunction=RF-1,utranCell=Gbg-1.



- NOTE 1: The listed cardinality numbers represent transient as well as steady-state numbers, and reflect all managed object creation and deletion scenarios.
- NOTE 2: Each instance of the vsDataContainer shall only be contained under one MOC. The vsDataContainer can be contained under MOCs defined in other NRMs.

Figure 6.3: vsDataContainer Containment/Naming and Association in UTRAN NRM diagram

The vsDataContainer is only used for the Bulk CM IRP.

6.3.5 MOC UtranRelation

The 'UtranRelation' managed object contains radio network related parameters for the relation to the 'UtranCell' or 'ExternalUtranCell' managed object. Note: In handover relation terms, the cell containing the UTRAN Relation object is the source cell for the handover. The cell referred to in the UTRAN 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 9: Attributes of UtranRelation

Name	Qualifier	Description
utranRelationId	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, intrafrequency intrasystem relation, interfrequency intrasystem relation.
adjacentCell	READ-WRITE, M	Pointer to UTRAN cell or external UTRAN cell. Distinguished name of the corresponding object.
uarfcnUl	READ-ONLY, O	The UL UTRA absolute Radio Frequency Channel number for another UTRAN cell or the external UTRAN cell, that is broadcasted in System Information in the UtranCell, UARFCN (Ref. 3 GPP TS 25.433 [5]). See Note for the optional condition.
uarfcnDl	READ-ONLY, O	The DL UTRA absolute Radio Frequency Channel number for another UTRAN cell or the external UTRAN cell, that is broadcasted in System Information in the UtranCell, UARFCN (Ref. 3 GPP TS 25.433 [5]). See Note for the optional condition.
primaryScramblingCode	READ-ONLY, O	The primary DL scrambling code used by the cell for another UTRAN cell or the external UTRAN cell, that is broadcasted in System Information in the UtranCell (Ref. 3 GPP TS 25.433 [5]). See Note for the optional condition.
primaryCpichPower	READ-ONLY, O	The power of the primary CPICH channel for another UTRAN cell or the external UTRAN cell, that is broadcasted in System Information in the UtranCell (Ref. 3 GPP TS 25.433 [5]). See Note for the optional condition.
lac	READ-ONLY, O	Location Area Code, LAC (Ref. 3 GPP TS 23.003 [3]), for another UTRAN cell or the external UTRAN cell, that is broadcasted in System Information in the UtranCell. 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.

Table 10: Notifications of UtranRelation

Name	Qualifier	Notes
notifyAttributeValueChange	O	
notifyObjectCreation	O	
notifyObjectDeletion	O	