Source:	**SA5 (Telecom Management)**
Title:	**5 Rel-5 CR 32.622/32/33/34/35 Correction of modelling of Media GateWay (MGW)**
Document for:	**Approval**
Agenda Item:	**7.5.3**

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Ver-Cur	Wi
SP-040582	S5-048733	32.622	019	--	Rel-5	Correction of modelling of Media GateWay (MGW)	F	5.4.0	OAM-NIM
SP-040582	S5-048734	32.632	011	--	Rel-5	Correction of modelling of Media GateWay (MGW) and of Class diagrams with respect to MSC and MGW functions	F	5.5.0	OAM-NIM
SP-040582	S5-048735	32.633	005	--	Rel-5	Correction of modelling of Media GateWay (MGW)	F	5.1.0	OAM-NIM
SP-040582	S5-048758	32.634	005	--	Rel-5	Correction of modelling of Media GateWay (MGW)	F	5.2.0	OAM-NIM
SP-040582	S5-048736	32.635	007	--	Rel-5	Correction of modelling of Media GateWay (MGW)	F	5.3.0	OAM-NIM

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.622** CR **019** | ⌘**rev** | **-** | ⌘ | Current version: | **5.4.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network **X**   Core Network **X**

Title:	⌘	Correction of modelling of Media GateWay (MGW)
Source:	⌘	**SA5** (john.power@ericsson.com)

Work item code:	⌘	OAM-NIM	**Date:** ⌘	20/08/2004

Category:	⌘ **F**	**Release:** ⌘ Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
2   *(GSM Phase 2)*
R96   *(Release 1996)*
R97   *(Release 1997)*
R98   *(Release 1998)*
R99   *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	MGW is incorrectly modelled in Rel-5
Summary of change:	⌘	Remove the restriction on ìsingle function managedElementsî and update the rule for mapping from managedFunction to managedElementType
Consequences if not approved:	⌘	It will not be possible to manage the full functionality of MGW in the core network.

Clauses affected:	⌘	3.2, 6.1.3.3.1, 6.1.5.1

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
		X		O&M Specifications	

Other comments:	⌘	Related CR 32.632 in S5-048734.

How to create CRs using this form:

3.2   Abbreviations

For the purposes of the present document, the following abbreviations apply:

Ö
Iub	Interface between RNC and Node B
LDAP	Lightweight Directory Access Protocol
ME	Managed Element
MGW	Media GateWay
MIB	Management Information Base
MIM	Management Information Model
MIT	Management Information Tree (or Naming Tree)

Ö .

Change in Clause 6.1.3.3.1

6.1.3.3   ManagedElement

6.1.3.3.1   Definition

This IOC represents telecommunications equipment or TMN entities within the telecommunications network that performs Managed Element (ME) functions, i.e. provides support and/or service to the subscriber.
An ME communicates with a manager (directly or indirectly) over one or more interfaces for the purpose of being monitored and/or controlled. MEs may or may not additionally perform element management functionality.
An ME contains equipment that may or may not be geographically distributed. An ME is often referred to as a "Network Element".

A ManagedElement may be contained in either a SubNetwork or in an MeContext instance. A single ManagedElement seen over the Itf-N may also exist stand-alone with no parent at all.

The ManagedElement IOC may be used to represent combined ME functionality (as indicated by the managedElementType attribute and the contained instances of different functional IOCs).

Single function ManagedElement IOC instances will have a 1..1 containment relationship to a function IOC instance (in this context a function IOC instance is an instance of an IOC derived from the ManagedFunction IOC). Multiple function ManagedElement instances will have a 1..N containment relationship to function IOC instances.

> NOTE: For some specific functional IOCs a 1..N containment relationship is permitted. The specific functional entities will be identified in the NRMs that define subclasses of ManagedFunction..

End of Change in Clause 6.1.3.3.1

Change in Clause 6.1.5.1

6.1.5 Information attribute definitions

6.1.5.1 Definitions and legal values

Table 6.16 defines the attributes that are present in several information object classes of the present document.

Table 6.16: Attributes

Attribute Name	Definition	Legal Values
dnPrefix	It carries the DN Prefix information as defined in Annex C of 32.300 [13] or no information.	
managedElementId	An attribute whose "name+value" can be used as an RDN when naming an instance of the ManagedElement object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
managedElementType	The type of managed element. It is a multi-valued attribute with one or more unique elements. Thus, it may represent one ME functionality or a combination of more than one functionality. The actual syntax and encoding of this attribute is Solution Set specific.	The legal values of this attribute are the names of the IOC(s) that are (a) derived/subclassed from ManagedFunction and (b) directly name-contained by ManagedElement IOC (on the first level below ManagedElement), but with the string "Function" excluded. If a ManagedElement contains multiple instances of a ManagedFunction this attribute will not contain repeated values. The capitalisation (usage of upper/lower case) of characters in this attribute is insignificant. Thus, the IRPManager should be case insensitive when reading these values. Two examples of legal values are: • NodeB; • HLR,VLR.
irpAgentId	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.	
iRPId	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.	
locationName	The physical location of this entity (e.g. an address).	
managedElements	Models the role "Manager" – see subclause 6.1.4.1.2. This attribute contains a list of the DN(s) of the related ManagedElement instance(s).	
managementNodeId	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.	

Attribute Name	Definition	Legal Values
managedBy	Models the role ìSubordinateî ñ see subclause 6.1.4.1.2. This attribute contains a list of the DN(s) of the related ManagementNode instance(s).	
meContextId	An attribute whose ìname+valueí 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.	
objectClass	An attribute which captures the name of the class from which the object instance is an occurrence of.	
objectInstance	An information which captures the Distinguished Name of any object.	
subNetworkId	An attribute whose ìname+valueí can be used as an RDN when naming an instance of the SubNetwork object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
swVersion	The software version of the ManagementNode or ManagedElement (this is used for determining which version of the vendor specific information is valid for the ManagementNode or ManagedElement).	
systemDN	The Distinguished Name (DN) of IRPAgent. Defined in 3GPP TS 32.300.	
userDefinedNetworkType	Textual information regarding the type of network, e.g. UTRAN.	
userDefinedState	An operator defined state for operator specific usage. (See also Note below)	
userLabel	A user-friendly name of this object.	
vendorName	The name of the vendor.	
vsData	Vendor specific attributes of the type vsDataType. The attribute definitions including constraints (value ranges, data types, etc.) are specified in a vendor specific data format file.	
vsDataContainerId	An attribute whose ìname+valueí 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.	
vsDataFormatVersion	Name of the data format file, including version.	
vsDataType	Type of vendor specific data contained by this instance, e.g. relation specific algorithm parameters, cell specific parameters for power control or re-selection or a timer. The type itself is also vendor specific.	

End of Change in Clause 6.1.5.1
End of Document

Annex B (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Mar 2004	S_23	SP-040128	013	--	Addition of missing attributes for the managementScope association	5.2.0	5.3.0
Jun 2004	S_24	SP-040249	015	--	Add missing attribute constraints for dnPrefix	5.3.0	5.4.0
Jun 2004	S_24	SP-040251	017	--	Correction of legal values for managedElementType attribute	5.3.0	5.4.0

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.632** CR **011** | ⌘rev | **-** | ⌘ | Current version: | **5.5.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network **X**

Title:	⌘	Correction of modelling of Media GateWay (MGW) and of Class diagrams with respect to MSC and MGW functions

Source:	⌘	**SA5** (john.power@ericsson.com)

Work item code:	⌘	OAM-NIM		**Date:**	⌘	20/08/2004

Category:	⌘	**F**		**Release:**	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	MGW is incorrectly modelled in Rel-5 MSCFunction is included in the class diagram and not as a managed function Errors in definition of CsMgwFunction

Summary of change:	⌘	Update the cardinality in the class diagram Remove the MscFunction from the class diagram Rename MgwFunction to ImsMgwFunction. Minor correction to CsMgwFunction.

Consequences if not approved:	⌘	It will not be possible to manage the full functionality of MGW in the core network. Class Diagram is in conflict with the rest of the document.

Clauses affected:	⌘	6.2.1, 6.2.2, 6.3.18, 6.3.31, 6.4.3.2, 6.5.1

		Y	N			
Other specs affected:	⌘		X	Other core specifications	⌘	
			X	Test specifications		
		X		O&M Specifications		Rel-5 32.633/4/5

| **Other comments:**	⌘	Parent to CR 32.633/4/5 in S5-048735 /36 /58 Related CR 32.622 in S5-048733.

How to create CRs using this form:

6.2.1   Attributes and relationships

This clause depicts the set of IOCs that encapsulate information relevant for this service. This clause provides the overview of all information object classes in UML. Subsequent clauses provide more detailed specification of various aspects of these information object classes.

Figures 6.2.1.1 to 6.2.1.4 show the name-containment relation and other types of relations of the CN NRM.

NOTE 1: The name-containment relations between IOCs are indicated by UML "unidirectional aggregation by reference" ("hollow diamonds").
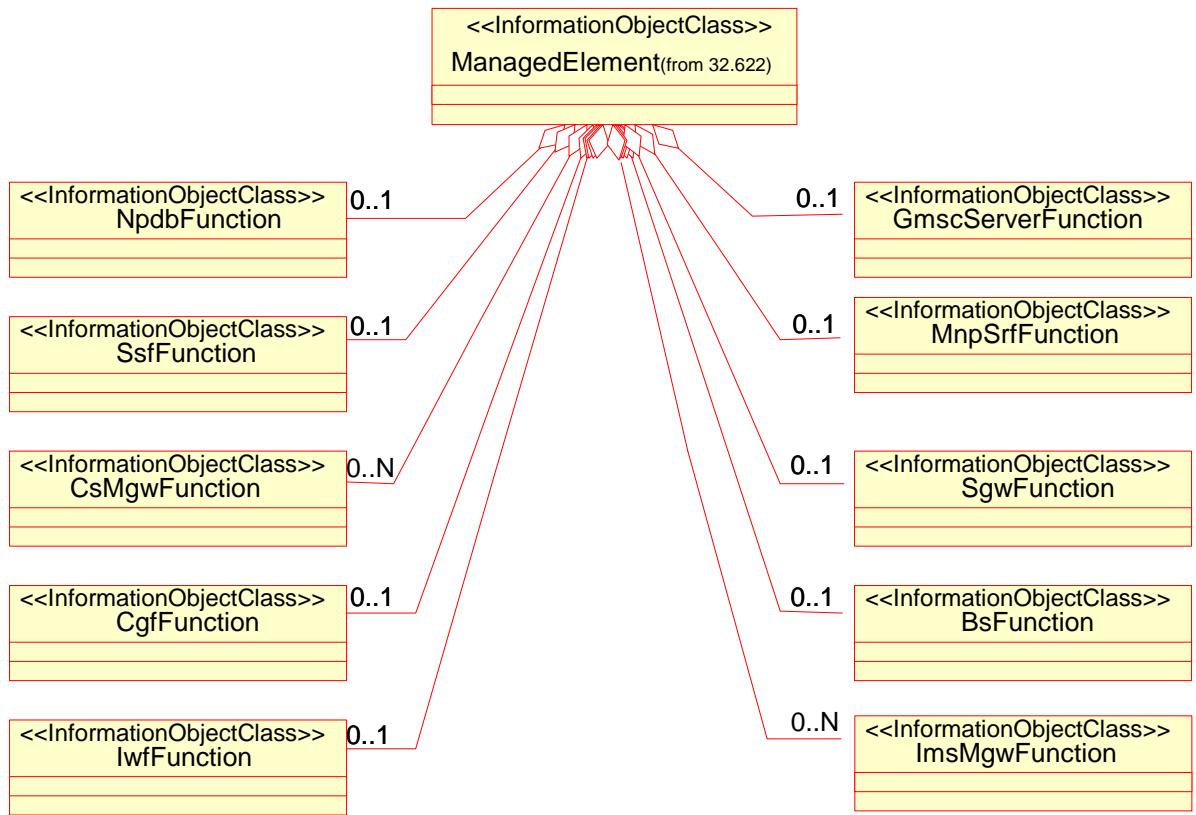
NOTE 2: The listed cardinality numbers represent transient as well as steady-state numbers, and reflect all managed object creation and deletion scenarios.
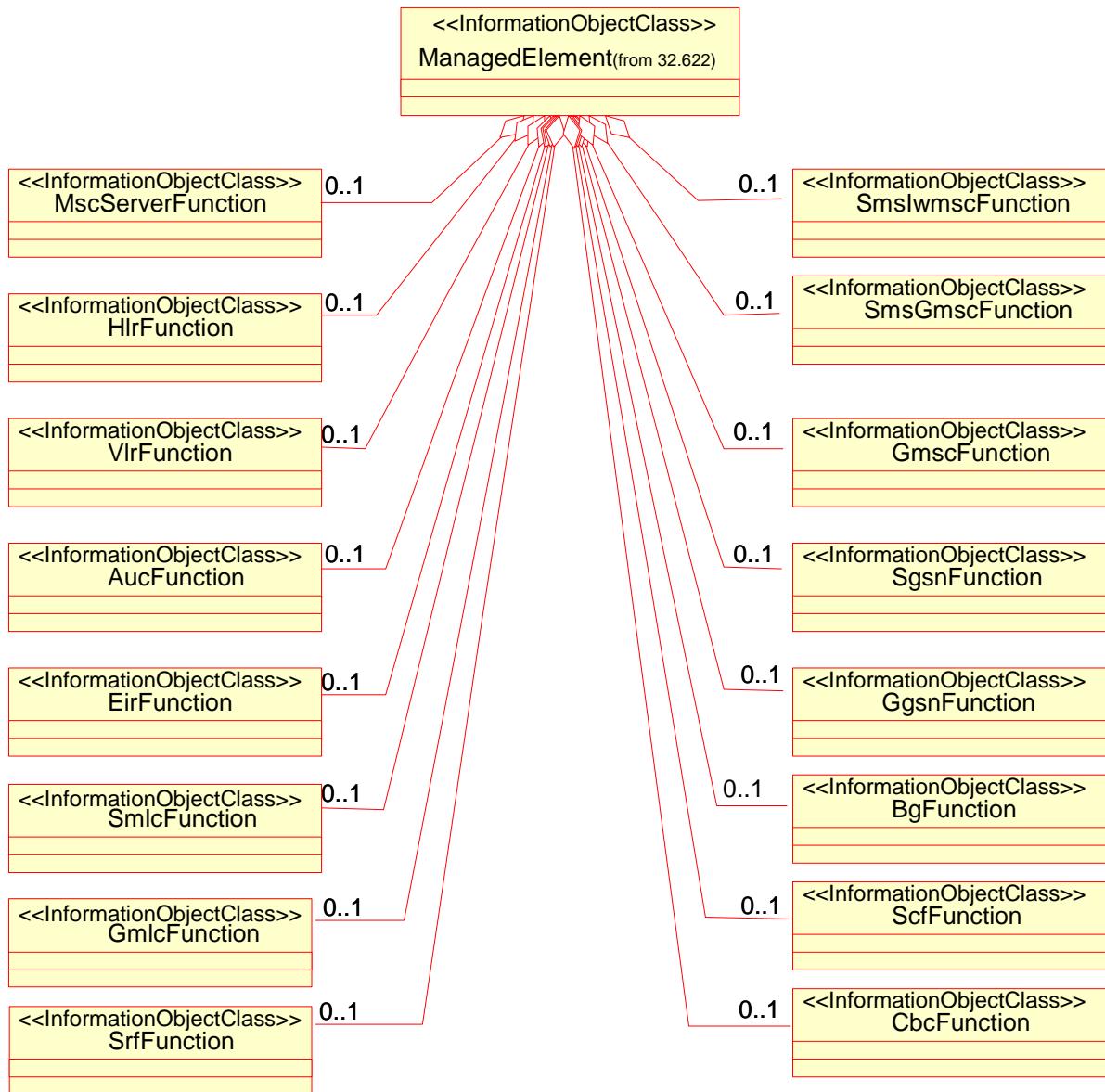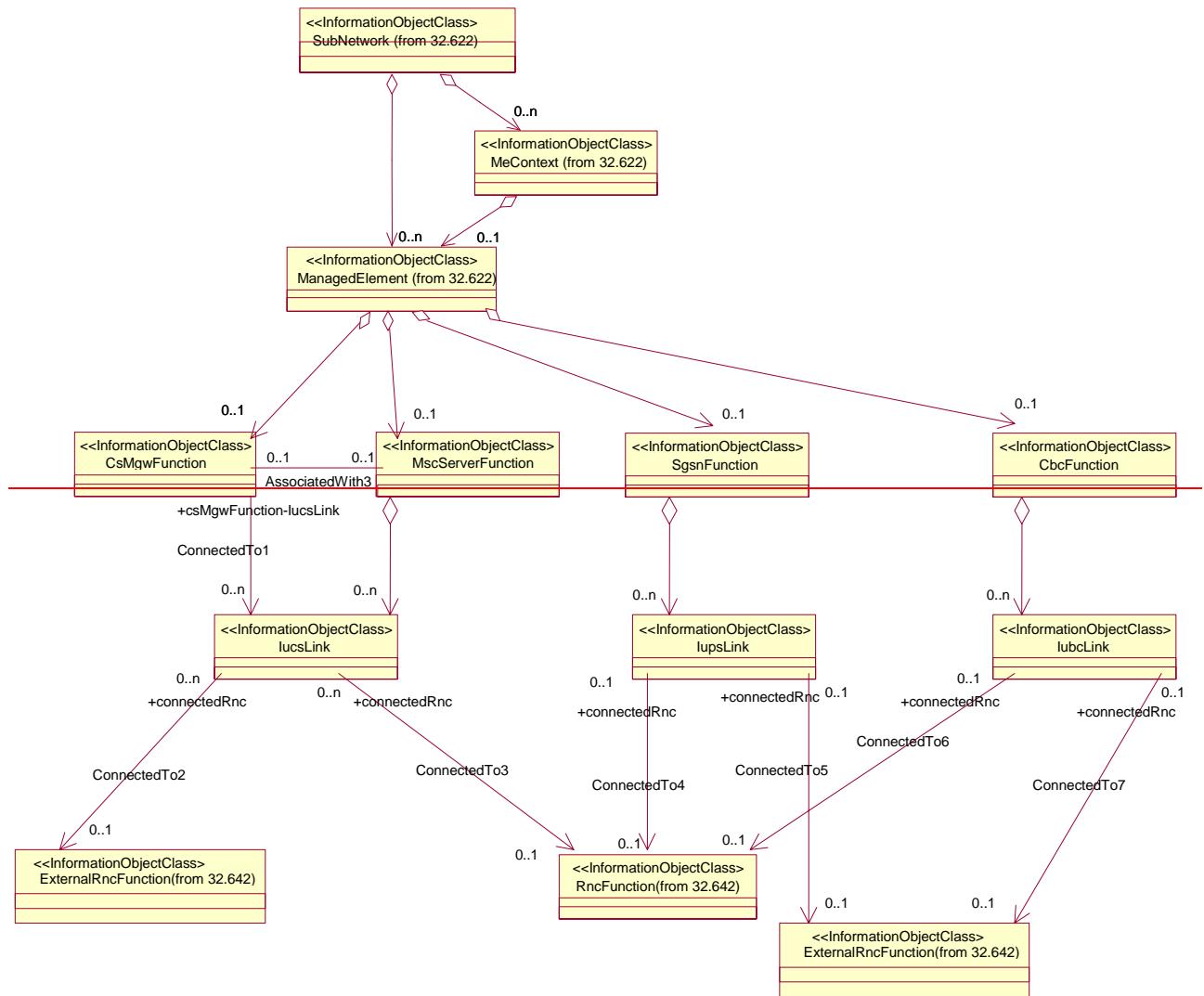
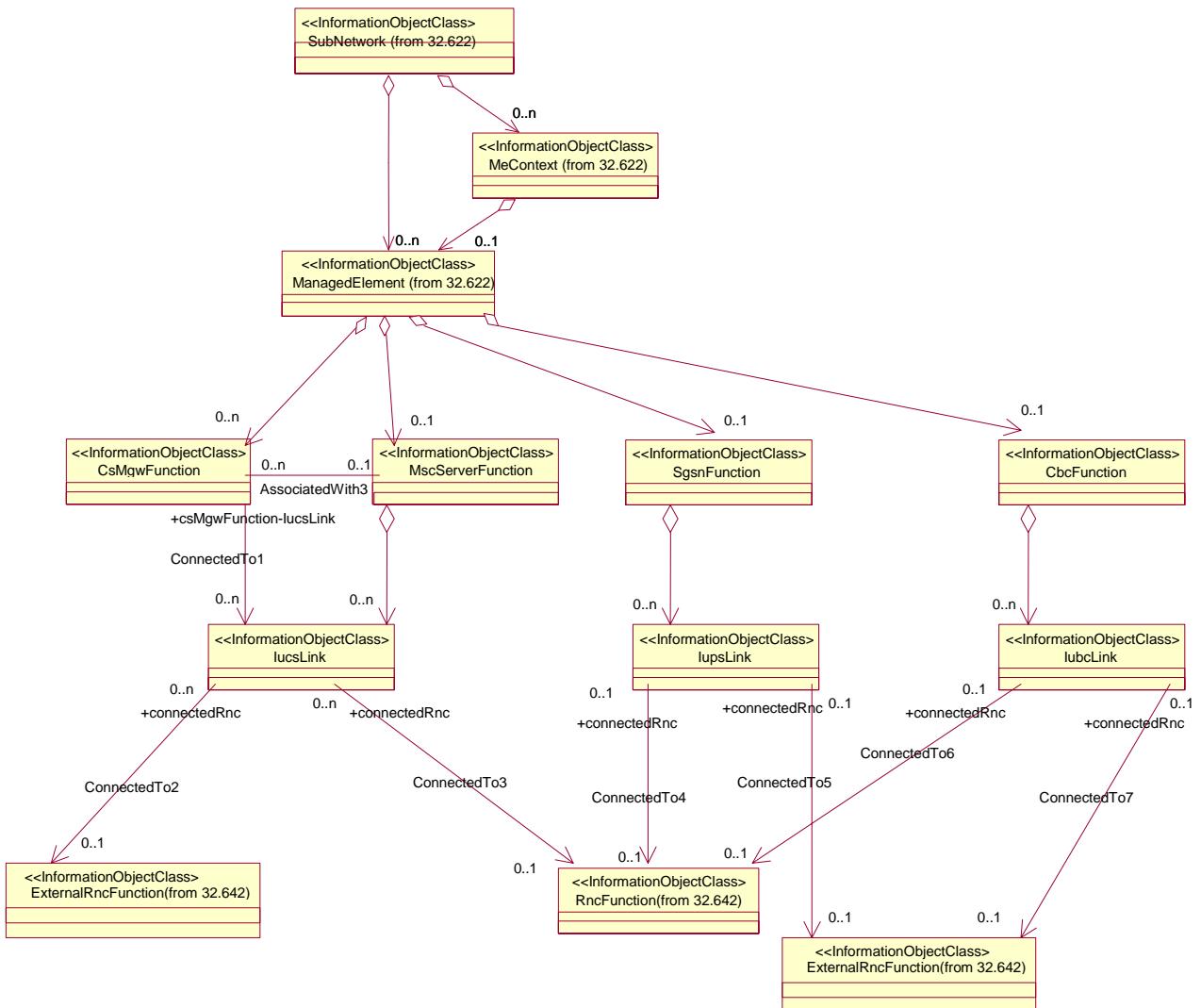**Figure 6.2.1.1: CN NRM Containment/Naming and Association (diagram 1)**
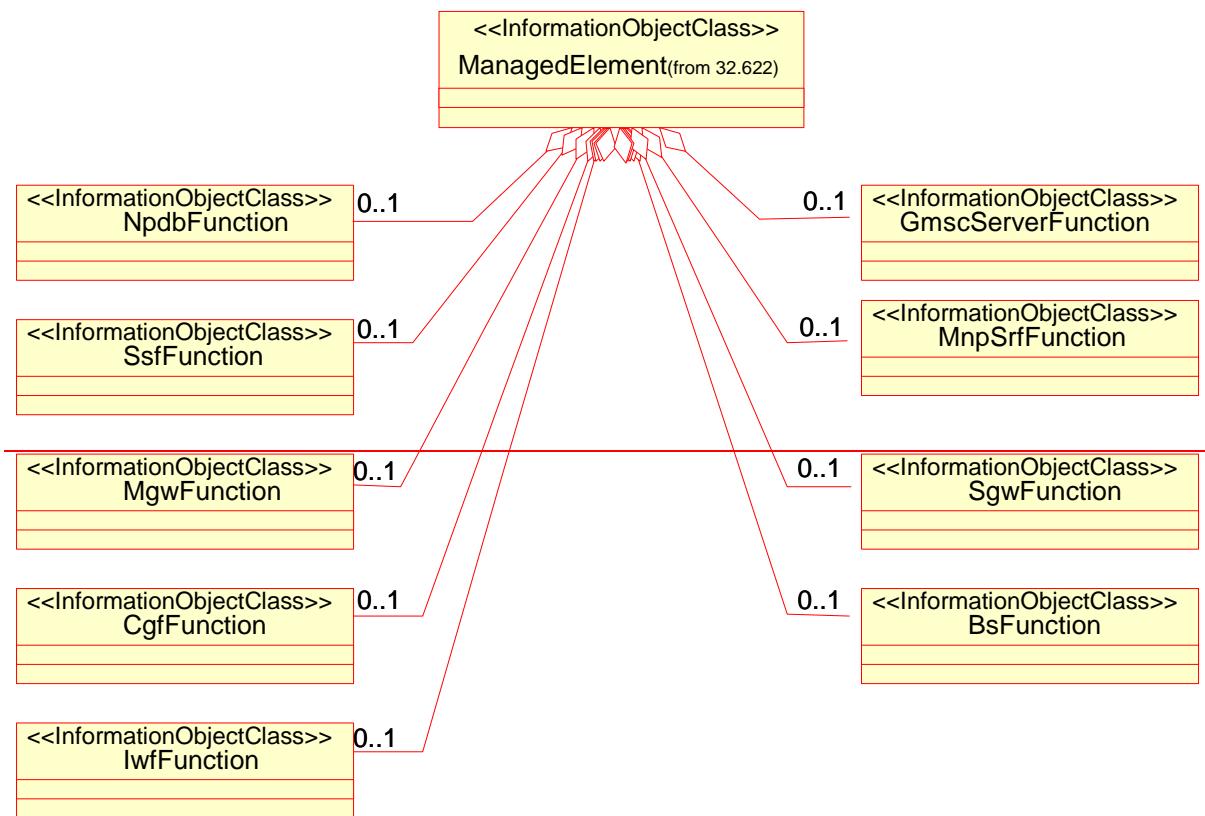
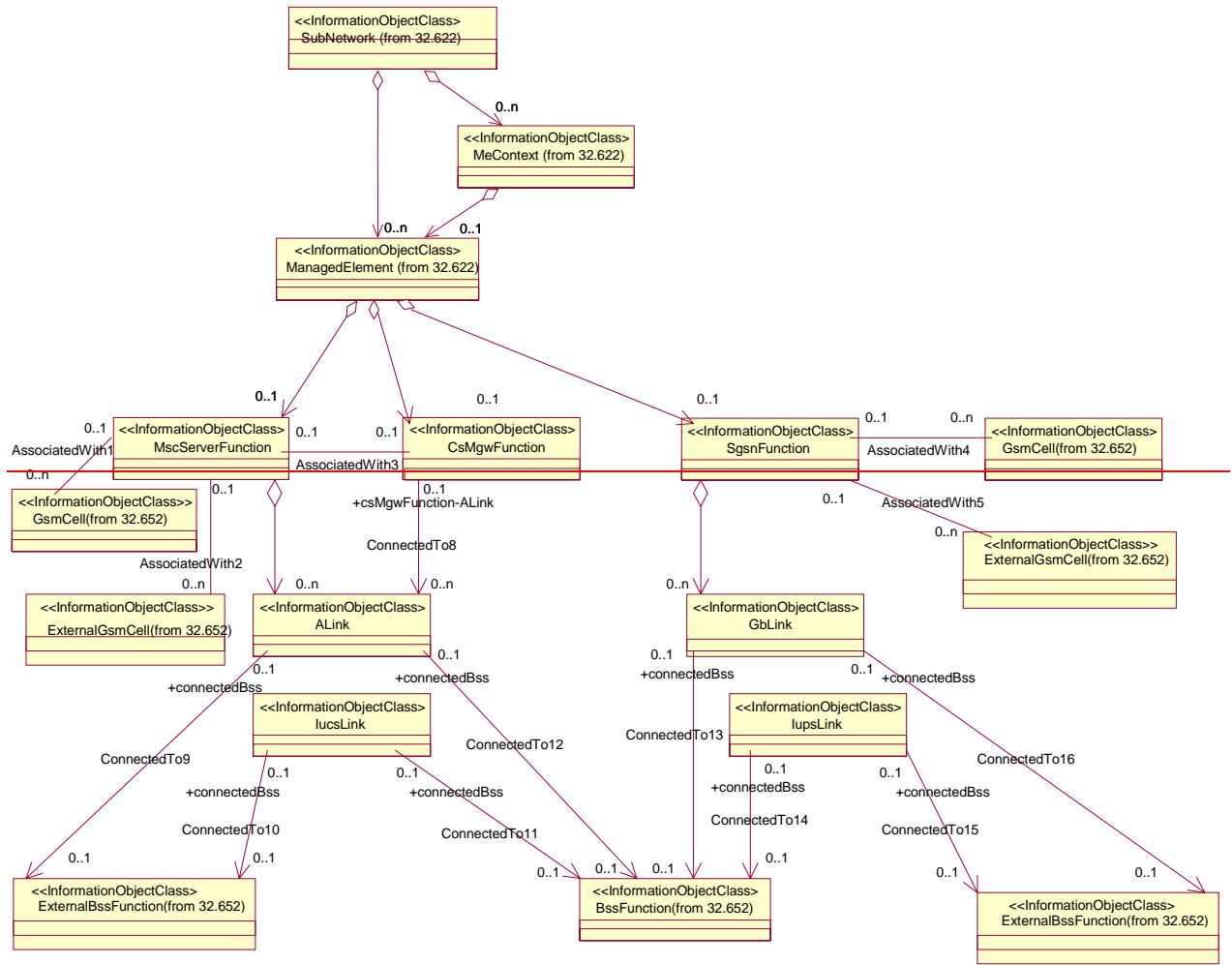Figure 6.2.1.2: CN NRM Containment/Naming and Association (diagram 2)

Figure 6.2.1.2: CN NRM Containment/Naming and Association (diagram 2)

Figure 6.2.1.3: CN UTRAN NRM Containment/Naming and Association (diagram 3)

Figure 6.2.1.3: CN UTRAN NRM Containment/Naming and Association (diagram 3)

Figure 6.2.1.4: CN GERAN NRM Containment/Naming and Association (diagram 4)

NOTE 1:   The association between MscServer and GsmCell, and SgsnFunction and GsmCell is optional. It may be valid if both the MscServer and GsmCell, or SgsnFunction and GsmCell are managed by the same management node.

NOTE 2:   The association between MscServer and CsMgwFunction is optional and is only mandatory when they belong to different ManagedElements.

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=MSC Gbg 1,MscServerFunction=MSC 1.
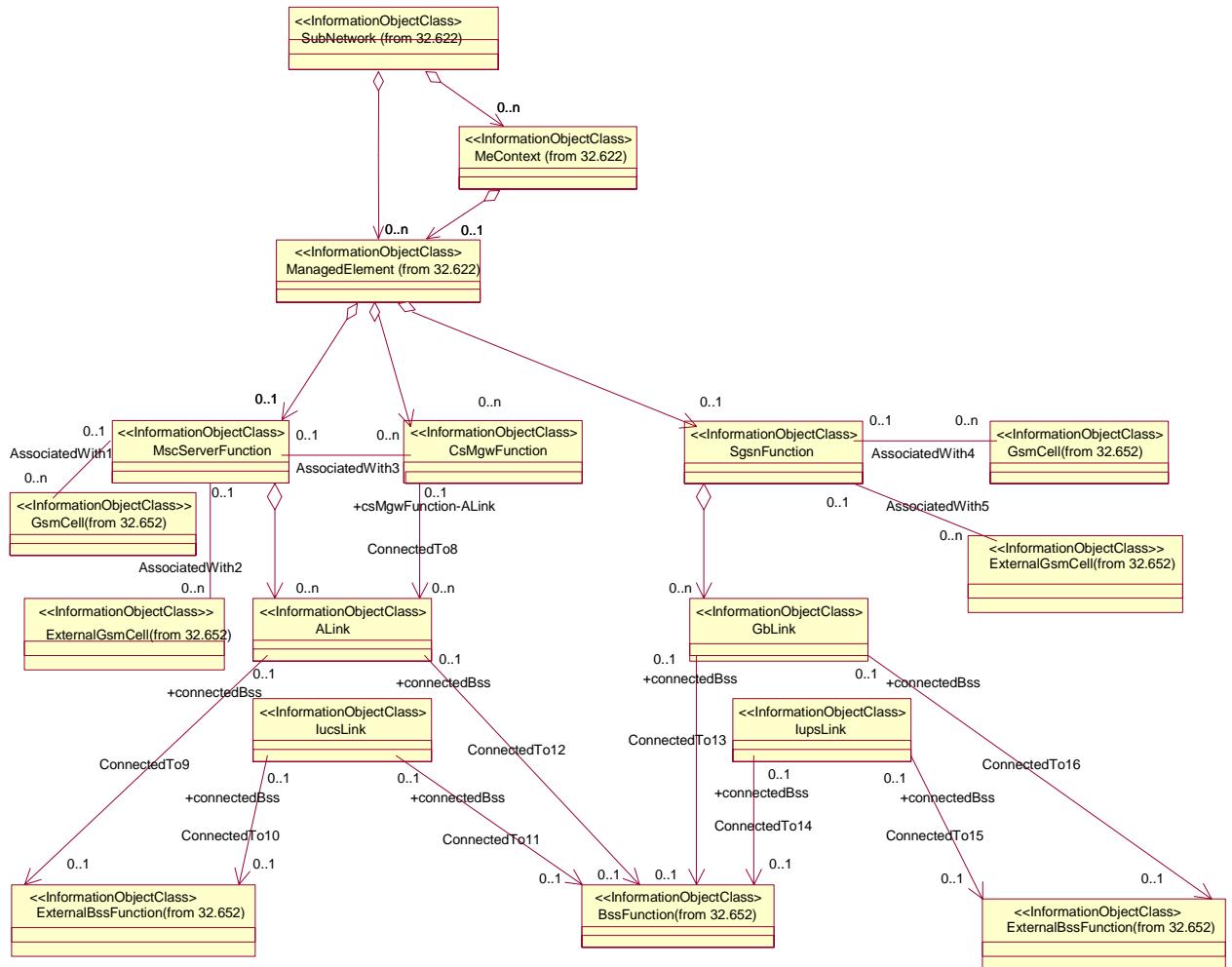
NOTE 1: The association between MscServer and GsmCell, and SgsnFunction and GsmCell is optional. It may be valid if both the MscServer and GsmCell, or SgsnFunction and GsmCell are managed by the same management node.

NOTE 2: The association between MscServer and CsMgwFunction is optional and is only mandatory when they belong to different ManagedElements.

Figure 6.2.1.4: CN GERAN NRM Containment/Naming and Association (diagram 4)

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=MSC-Gbg-1,MscServerFunction=MSC-1.
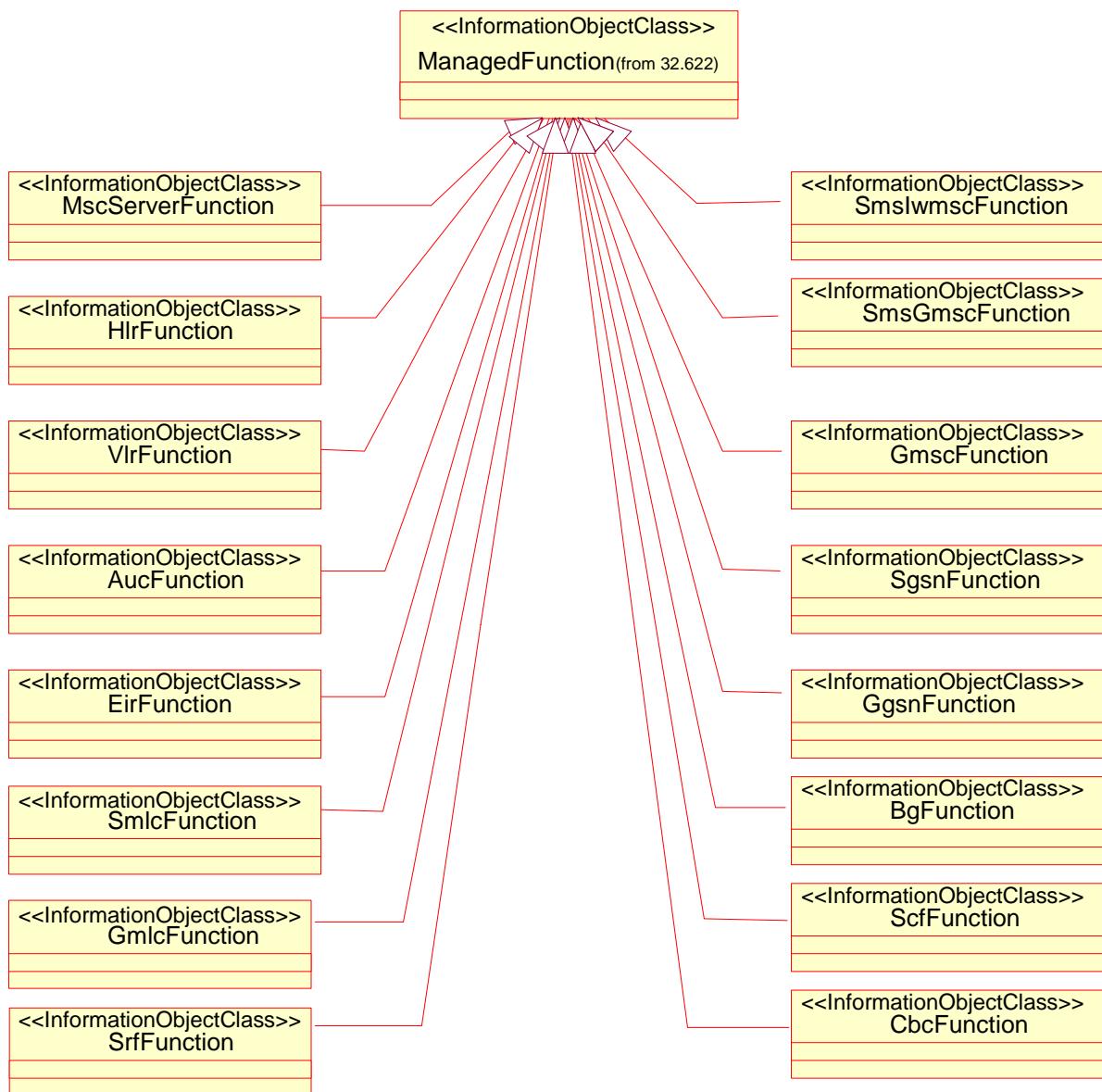

End of Change in Clause 6.2.1

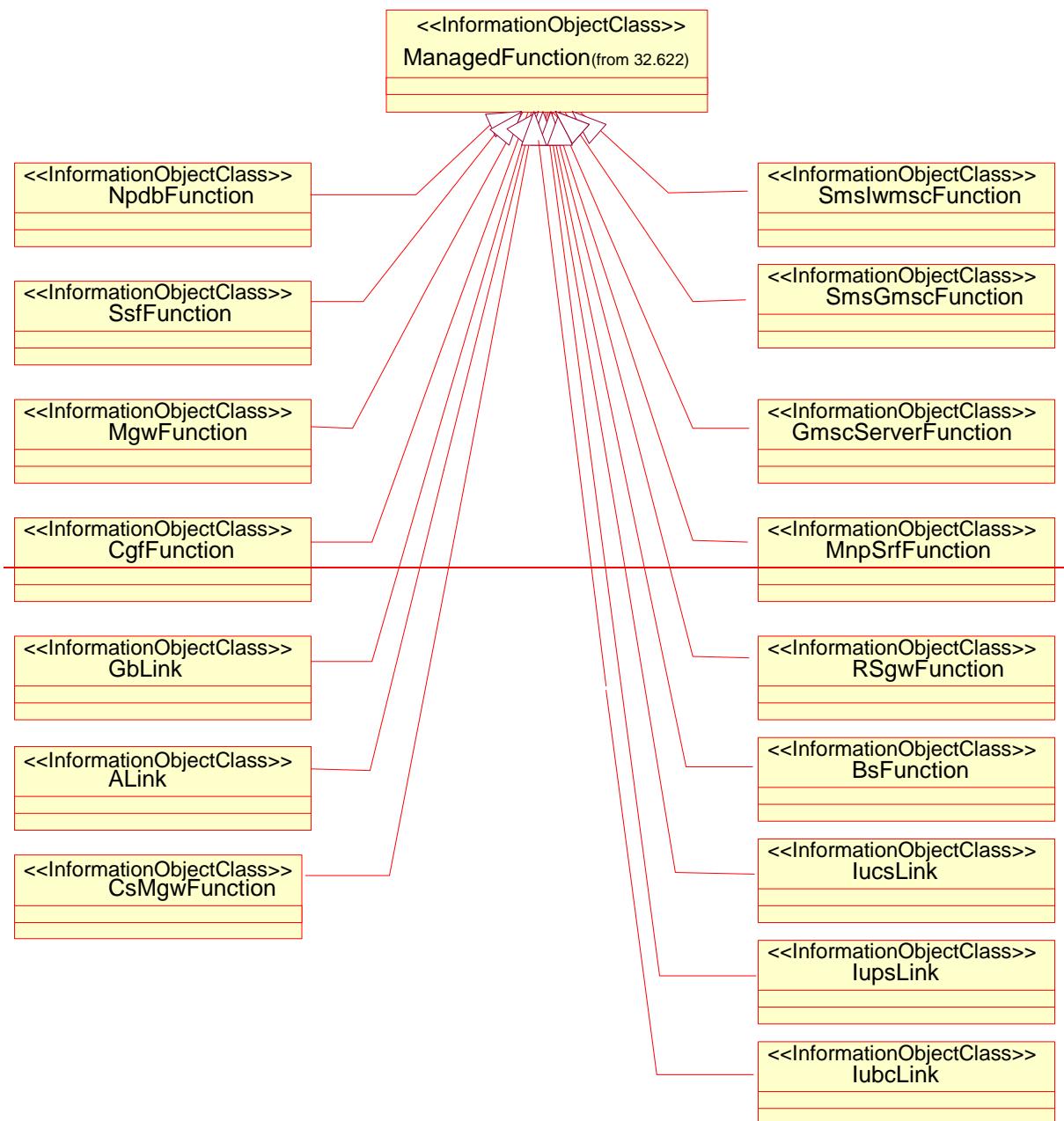**Change in Clause 6.2.2**

6.2.2   Inheritance

This clause depicts the inheritance relationships that exist between IOCs.

Figures 6.2.2.1 and 6.2.2.2 show the inheritance hierarchy for the CN NRM.

```
                    ┌─────────────────────────────────┐
                    │ <<InformationObjectClass>>      │
                    │ ManagedFunction(from 32.622)    │
                    ├─────────────────────────────────┤
                    ├─────────────────────────────────┤
                    └─────────────────────────────────┘
```

<<InformationObjectClass>> MscServerFunction	**<<InformationObjectClass>>** SmsIwmscFunction
<<InformationObjectClass>> HlrFunction	**<<InformationObjectClass>>** SmsGmscFunction
<<InformationObjectClass>> VlrFunction	**<<InformationObjectClass>>** GmscFunction
<<InformationObjectClass>> AucFunction	**<<InformationObjectClass>>** SgsnFunction
<<InformationObjectClass>> EirFunction	**<<InformationObjectClass>>** GgsnFunction
<<InformationObjectClass>> SmlcFunction	**<<InformationObjectClass>>** BgFunction
<<InformationObjectClass>> GmlcFunction	**<<InformationObjectClass>>** ScfFunction
<<InformationObjectClass>> SrfFunction	**<<InformationObjectClass>>** CbcFunction

Figure 6.2.2.1: CN NRM Inheritance Hierarchy 1

Figure 6.2.2.2: CN NRM Inheritance Hierarchy 2
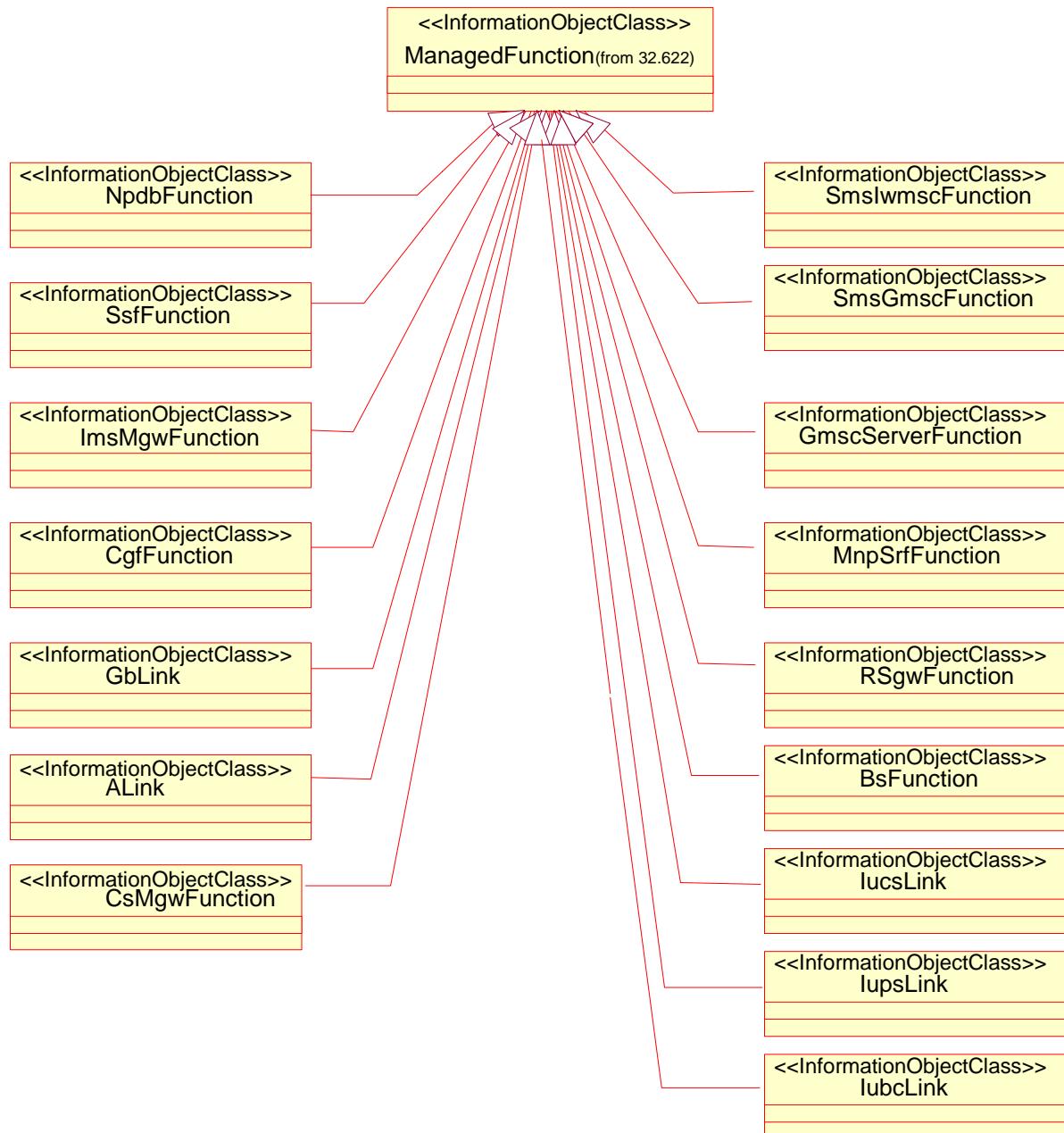
Figure 6.2.2.2: CN NRM Inheritance Hierarchy 2

End of Change in Clause 6.2.2

Change in Clause 6.3.18

6.3.18   ImsMgwFunction

6.3.18.1   Definitions

This IOC represents IMS-MGW functionality. For more information about IMS-MGW, see 3GPP TS 23.002 [15].

6.3.18.2   Attributes

Table 6.3.18.1: Attributes of ImsMgwFunction

Attribute name	Visibility	Support Qualifier	Read Qualifier	Write Qualifier
imsmMgwFunctionId	+	M	M	-
userLabel	+	M	M	M

Table 6.3.18.2: Notifications of ImsMgwFunction

Name	Qualifier	Notes
notifyAckStateChanged	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyAttributeValueChange	O	
notifyChangedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyClearedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyNewAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyObjectCreation	O	
notifyObjectDeletion	O	
notifyComments	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyAlarmListRebuilt	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyPotentialFaultyAlarmList	See Alarm IRP (3GPP TS 32.111-2 [11])	

End of Change in Clause 6.3.18

Change in Clause 6.3.31

6.3.31   CsMgwFunction

6.3.31.1   Definitionss

This IOC represents CS-MGW functionality. For more information about CS-MGW, see 3GPP TS 23.002 [15].

6.3.31.2   Attributes

Table 6.3.31.1: Attributes of CsMgwFunction

Attribute name	Visibility	Support Qualifier	Read Qualifier	Write Qualifier
csMmgwFunctionId	+	M	M	-
userLabel	+	M	M	M
csMgwFunction- MscServerFunction	+	M	M	-
csMgwFunction- IucsLink	+	M	M	-
csMgwFunction- ALink	+	M	M	-

Table 6.3.31.2: Notifications of CsMgwFunction

Name	Qualifier	Notes
notifyAckStateChanged	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyAttributeValueChange	O	
notifyChangedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyClearedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
NotifyNewAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
NotifyObjectCreation	O	
NotifyObjectDeletion	O	
NotifyComments	See Alarm IRP (3GPP TS 32.111-2 [11])	
NotifyAlarmListRebuilt	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyPotentialFaultyAlarmList	See Alarm IRP (3GPP TS 32.111-2 [11])	

End of Change in Clause 6.3.31

Change in Clause 6.4.3.2

6.4.3.2   Roles

Table 6.4.3: Roles of the relation AssociatedWith3

Name	Definition
mscServerFunction-CsMgwFunction	This role (when present) represents mscServerFunction capability to identify the related CsMgwFunction(s). MscServerFunction-CsMgwFunction shall carry the CsMgwFunction DN(s).
csMgwFunction - MscServerFunction	This role (when present) represents CsMgwFunction capability to identify one related mscServerFunction. When the role is absent, the CsMgwFunction - mscServerFunction shall contain no information. When it is present, it shall contain one MscServerFunction DN.

End of Change in Clause 6.4.3.2

Change in Clause 6.5.1

6.5.1   Definition and legal values

Table 6.5.1 defines the attributes that are present in several information object classes of the present document.

Table 6.5.1: Attributes

Attribute Name	Definition	Legal Values
lacList	List of Location Area Codes covered by MSC (Ref. 3GPP TS 23.003 [19]).	
sacList	List of Service Area Codes covered by MSC (Ref. 3GPP TS 23.003 [19]).	
gcaList	List of Group Call Area (Ref. 3GPP TS 23.003 [19]).	
mscId	Unique MSC ID (Ref. 3GPP TS 23.002 [15]).	
mccList	List of Mobile Country Codes, MCC (part of the PLMN Id, Ref. 3GPP TS 23.003 [19]).	
mncList	List of Mobile Network Codes, MNC (part of the PLMN Id, Ref. 3GPP TS 23.003 [19]).	
mscServerFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
hlrFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
vlrFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
aucFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
eirFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
smsIwmscFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
smsGmscFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
gmscFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
sgsnFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
sgsnId	Unique SGSN ID (Ref. 3GPP TS 23.002 [15]).	
ggsnFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
bgFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
smlcFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
gmlcFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
scfFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
srfFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
cbcFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
cgfFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
imsmMgwFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	

gmscServerFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
mnpSrfFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
npdbFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
sgwFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
ssfFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
bsFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
iucslinkId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
iupslinkId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
iubclinkId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
aLinkId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
gbLinkId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
csMmgwFunctionId	An attribute whose ïname+value' can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
hlrFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
hlrFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
hlrFunctionId	An attribute whose ïname+valueí can be used as an RDN when naming an instance of the object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
userLabel	A user-friendly (and user assigned) name of the associated object. Inherited from ManagedFunction.	

End of Change in Clause 6.5.1
End of Document

Annex A (informative):
Change history

3GPP TSG-SA5 (Telecom Management) **S5-048735**
Meeting #39, Montreal, CANADA, 16 - 20 August 2004

CR-Form-v7

CHANGE REQUEST

⌘ **32.633 CR 005** ⌘**rev** **-** ⌘ Current version: 5.1.0 ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

Title: ⌘	Correction of modelling of Media GateWay (MGW)	
Source: ⌘	**SA5** (john.power@ericsson.com)	
Work item code:⌘	OAM-NIM	**Date:** ⌘ 20/08/2004
Category: ⌘	**F**	**Release:** ⌘ Rel-5

Use <u>one</u> of the following categories:
F (correction)
A (corresponds to a correction in an earlier release)
B (addition of feature),
C (functional modification of feature)
D (editorial modification)
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change: ⌘	MGW is incorrectly modelled in Rel-5
Summary of change:⌘	Rename MgwFunction to ImsMgwFunction Minor correction of CsMgwFunction. Update cardinalities of relationship AssoicatedWith3.
Consequences if not approved: ⌘	It will not be possible to manage the full functionality of MGW in the core network.

Clauses affected: ⌘	3.2, 5.2.1, 5.2.18, 5.2.31, Annex A

	Y	N		
Other specs ⌘		X	Other core specifications ⌘	
affected:		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	Parent CR 32.632 in S5-048734

How to create CRs using this form:

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

CORBA Common Object Request Broker Architecture
DN Distinguished Name
IS Information Service
IDL Interface Definition Language (OMG)
IRP Integration Reference Point
MGW Media GateWay
MO Managed Object
MOC Managed Object Class
NRM Network Resource Model
OMG Object Management Group
SS Solution Set

Change in Clause 5.2.1

5.2.1 MOC MscServerFunction

Table 1: Mapping from NRM MOC MscServerFunction attributes to SS equivalent MOC MscServerFunction attributes

NRM Attributes of MOC MscFunction in TS 32.632 [3]	SS Attributes	SS Type	Qualifier
mscServerFunctionId	mscServerFunctionId	string	Read-Only, M
userLabel	userLabel	string	Read- Write, M
mccList	mccList	long	Read-Write, M
mncList	mncList	long	Read-Write, M
lacList	lacList	long	Read-Write, M
sacList	sacList	long	Read-Write, M
gcaList	gcaList	long	Read-Write, M
mscId	mscId	long	Read-Write, M
Associated With/ mscServerFunction-GSMcell	mscServerFunction-GSMcell	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Associated With/ mscServerFunction-ExternalGSMcell	mscServerFunction-ExternalGSMcell	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Associated With/ mscServerFunction-CsMgwFunction	mscServerFunction-CsMgwFunction	GenericNRIRPSystem::AttributeTypes::MOReferenceSet	Read-Only, M

End of Change in Clause 5.2.1

Change in Clause 5.2.18

5.2.18　MOC ImsMgwFunction

Table 18: Mapping from NRM MOC MgwFunction attributes to SS equivalent MOC MgwFunction attributes

NRM Attributes of MOC MgwFunction in TS 32.632 [3]	SS Attributes	SS Type	Qualifier
imsMgwFunctionId	imsmMgwFunctionId	string	Read-Only, M
uUserLabel	userLabel	string	Read- Write, M

End of Change in Clause 5.2.18

Change in Clause 5.2.31

5.2.31　MOC CsMgwFunction

Table 32: Mapping from NRM MOC CsMgwFunction attributes to SS equivalent MOC CsMgwFunction attributes

NRM Attributes of MOC MgwFunction in TS 32.632 [3]	SS Attributes	SS Type	Qualifier
cCsMgwFunctionId	cCsMmgwFunctionId	string	Read-Only, M
uUserLabel	userLabel	string	Read-Write, M
Associated With/csMgwFunction-mscServerFunction	csMgwFunction-mscServerFunction	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Connected To/csMgwFunction- iucsLink	csMgwFunction- iucsLink	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Connected To /csMgwFunction- ALink	csMgwFunction- ALink	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M

End of Change in Clause 5.2.31

Change in Clause Annex A

Annex A (normative):
CORBA IDL, NRM Definitions

```
#ifndef CoreNetworkResourcesNRMDefs_idl
#define CoreNetworkResourcesNRMDefs_idl

#pragma prefix "3gppsa5.org"

/**
 * This module defines constants for each MO class name and
 * the attribute names for each defined MO class.
 */
module CoreNetworkResourcesNRMDefs
```

```
{

      /**
       *  Definitions for MO class MscServerFunction
       */
      interface MscServerFunction
      {
         const string CLASS = "MscServerFunction";

         // Attribute Names
         //
         const string mscServerFunctionId = "mscServerFunctionId";
         const string userLabel = "userLabel";
         const string mccList = "mccList";
         const string mncList = "mncList";
         const string lacList = "lacList";
         const string sacList = "sacList";
         const string gcaList = "gcaList";
         const string mscId = "mscId";
         const string mscServerFunctionGSMcell = "mscServerFunctionGSMcell";
         const string mscServerFunctionExternalGSMcell =
"mscServerFunctionExternalGSMcell";
         const string mscServerFunctionCsMgwFunction =
"mscServerFunctionCsMgwFunction";
      };


      /**
       *  Definitions for MO class HlrFunction
       */
      interface HlrFunction
      {
         const string CLASS = "HlrFunction";

         // Attribute Names
         //
         const string hlrFunctionId = "hlrFunctionId";
         const string userLabel = "userLabel";
      };


      /**
       *  Definitions for MO class VlrFunction
       */
      interface VlrFunction
      {
         const string CLASS = "VlrFunction";

         // Attribute Names
         //
         const string vlrFunctionId = "vlrFunctionId";
         const string userLabel = "userLabel";
      };



      /**
       *  Definitions for MO class AucFunction
       */
      interface AucFunction
      {
         const string CLASS = "AucFunction";

         // Attribute Names
         //
```

```
        const string aucFunctionId = "aucFunctionId";
        const string userLabel = "userLabel";
    };


    /**
     *  Definitions for MO class EirFunction
     */
    interface EirFunction
    {
        const string CLASS = "EirFunction";

        // Attribute Names
        //
        const string eirFunctionId = "eirFunctionId";
        const string userLabel = "userLabel";
    };


    /**
     *  Definitions for MO class SmsIwmscFunction
     */
    interface SmsIwmscFunction
    {
        const string CLASS = "SmsIwmscFunction";

        // Attribute Names
        //
        const string smsIwmscFunctionId = "smsIwmscFunctionId";
        const string userLabel = "userLabel";
    };


    /**
     *  Definitions for MO class SmsGmscFunction
     */
    interface SmsGmscFunction
    {
        const string CLASS = "SmsGmscFunction";

        // Attribute Names
        //
        const string smsGmscFunctionId = "smsGmscFunctionId";
        const string userLabel = "userLabel";
    };


    /**
     *  Definitions for MO class SgsnFunction
     */
    interface SgsnFunction
    {
        const string CLASS = "SgsnFunction";

        // Attribute Names
        //
        const string sgsnFunctionId = "sgsnFunctionId";
        const string userLabel = "userLabel";
        const string mccList = "mccList";
        const string mncList = "mncList";
        const string lacList = "lacList";
        const string racList = "racList";
        const string sacList = "sacList";
        const string sgsnId = "sgsnId";
        const string sgsnFunctionGSMcell = "sgsnFunctionGSMcell";
        const string sgsnFunctionExternalGSMcell = "sgsnFunctionExternalGSMcell";
    };
```

```
};


/**
 *  Definitions for MO class GgsnFunction
 */
interface GgsnFunction
{
   const string CLASS = "GgsnFunction";

   // Attribute Names
   //
   const string ggsnFunctionId = "ggsnFunctionId";
   const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class BgFunction
 */
interface BgFunction
{
   const string CLASS = "BgFunction";

   // Attribute Names
   //
   const string bgFunctionId = "bgFunctionId";
   const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class GmscFunction
 */
interface GmscFunction
{
   const string CLASS = "GmscFunction";

   // Attribute Names
   //
   const string gmscFunctionId = "gmscFunctionId";
   const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class SmlcFunction
 */
interface SmlcFunction
{
   const string CLASS = "SmlcFunction";

   // Attribute Names
   //
   const string smlcFunctionId = "smlcFunctionId";
   const string userLabel = "userLabel";
};



/**
 *  Definitions for MO class GmlcFunction
 */
interface GmlcFunction
{
   const string CLASS = "GmlcFunction";
```

```
    // Attribute Names
    //
    const string gmlcFunctionId = "gmlcFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class ScfFunction
 */
interface ScfFunction
{
    const string CLASS = "ScfFunction";

    // Attribute Names
    //
    const string scfFunctionId = "scfFunctionId";
    const string userLabel = "userLabel";
};



/**
 *  Definitions for MO class SrfFunction
 */
interface SrfFunction
{
    const string CLASS = "SrfFunction";

    // Attribute Names
    //
    const string srfFunctionId = "srfFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class CbcFunction
 */
interface CbcFunction
{
    const string CLASS = "CbcFunction";

    // Attribute Names
    //
    const string cbcFunctionId = "cbcFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class CgfFunction
 */
interface CgfFunction
{
    const string CLASS = "CgfFunction";

    // Attribute Names
    //
    const string cgfFunctionId = "cgfFunctionId";
    const string userLabel = "userLabel";
};


    /**
```

```
 *  Definitions for MO class ImsMgwFunction
 */
interface ImsMgwFunction
{
    const string CLASS = "ImsMgwFunction";

    // Attribute Names
    //
    const string imsmMgwFunctionId = "imsmMgwFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class GmscServerFunction
 */
interface GmscServerFunction
{
    const string CLASS = "GmscServerFunction";

    // Attribute Names
    //
    const string gmscServerFunctionId = "gmscServerFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class IwfFunction
 */
interface IwfFunction
{
    const string CLASS = "IwfFunction";

    // Attribute Names
    //
    const string iwfFunctionId = "iwfFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class MnpSrfFunction
 */
interface MnpSrfFunction
{
    const string CLASS = "MnpSrfFunction";

    // Attribute Names
    //
    const string mnpSrfFunctionId = "mnpSrfFunctionId";
    const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class NpdbFunction
 */
interface NpdbFunction
{
    const string CLASS = "NpdbFunction";

    // Attribute Names
    //
    const string npdbFunctionId = "npdbFunctionId";
```

```
      const string userLabel = "userLabel";
   };


   /**
    *  Definitions for MO class SgwFunction
    */
   interface SgwFunction
   {
      const string CLASS = "SgwFunction";

      // Attribute Names
      //
      const string sgwFunctionId = "sgwFunctionId";
      const string userLabel = "userLabel";
   };


   /**
    *  Definitions for MO class SsfFunction
    */
   interface SsfFunction
   {
      const string CLASS = "SsfFunction";

      // Attribute Names
      //
      const string ssfFunctionId = "ssfFunctionId";
      const string userLabel = "userLabel";
   };


   /**
    *  Definitions for MO class BsFunction
    */
   interface BsFunction
   {
      const string CLASS = "BsFunction";

      // Attribute Names
      //
      const string bsFunctionId = "bsFunctionId";
      const string userLabel = "userLabel";
   };


   /**
    *  Definitions for MO class IucsLink
    */
   interface IucsLink
   {
      const string CLASS = "IucsLink";

      // Attribute Names
      //
      const string iucsLinkId = "iucsLinkId";
      const string userLabel = "userLabel";
      const string connectedRnc = "connectedRnc";
      const string connectedBss = "connectedBss";
   };


   /**
    *  Definitions for MO class IupsLink
    */
   interface IupsLink
```

```
        {
            const string CLASS = "IupsLink";

            // Attribute Names
            //
            const string iupsLinkId = "iupsLinkId";
            const string userLabel = "userLabel";
            const string connectedRnc = "connectedRnc";
            const string connectedBss = "connectedBss";
        };



        /**
         *  Definitions for MO class IubcLink
         */
        interface IubcLink
        {
            const string CLASS = "IubcLink";

            // Attribute Names
            //
            const string iubcLinkId = "iubcLinkId";
            const string userLabel = "userLabel";
            const string connectedRnc = "connectedRnc";
        };



        /**
         *  Definitions for MO class ALink
         */
        interface ALink
        {
            const string CLASS = "ALink";

            // Attribute Names
            //
            const string aLinkId = "aLinkId";
            const string userLabel = "userLabel";
            const string connectedBss = "connectedBss";
        };



        /**
         *  Definitions for MO class GbLink
         */
        interface GbLink
        {
            const string CLASS = "GbLink";

            // Attribute Names
            //
            const string gbLinkId = "gbLinkId";
            const string userLabel = "userLabel";
            const string connectedBss = "connectedBss";
        };


/**
         *  Definitions for MO class CsMgwFunction
         */
        interface CsMgwFunction
        {
            const string CLASS = "CsMgwFunction";

            // Attribute Names
```

```
        //
        const string csMgwFunctionId = "csMgwFunctionId";
        const string userLabel = "userLabel";
        const string csMgwFunctionMscServerFunction =
"csMgwFunctionMscServerFunction";
        const string csMgwFunctionIucsLink = "csMgwFunctionIucsLink";
        const string csMgwFunctionALink = "csMgwFunctionALink";
    };


};

#endif
```

**End of Change in Clause Annex A
End of Document**

Annex B (informative):
Change history

<table>
<tr><th colspan="9">Change history</th></tr>
<tr><th>Date</th><th>TSG #</th><th>TSG Doc.</th><th>CR</th><th>Rev</th><th>Subject/Comment</th><th>Old</th><th>New</th></tr>
<tr><td>Jun 2001</td><td>S_12</td><td>SP-010283</td><td>--</td><td>--</td><td>Approved at TSG SA #12 and placed under Change Control</td><td>2.0.0</td><td>4.0.0</td></tr>
<tr><td>Jun 2002</td><td>S_16</td><td>SP-020302</td><td>001</td><td>--</td><td>Align with Rel-4 Network Architecture (23.002) by changing Roaming Signalling Gateway (R-SGW) to Signalling Gateway (SGW)</td><td>4.0.0</td><td>4.1.0</td></tr>
<tr><td>Sep 2002</td><td>S_17</td><td>SP-020489</td><td>002</td><td>--</td><td>Upgrade to Rel-5 the CORBA SS for Core Network NRM (add Managed Object Classes (MOCs)</td><td>4.1.0</td><td>5.0.0</td></tr>
<tr><td>Dec 2002</td><td>S_18</td><td>SP-020747</td><td>003</td><td>--</td><td>Removal of faulty attribute uraList (alignment with Rel-5 32.632 Network Resource Model)</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>

3GPP TSG-SA5 (Telecom Management) **S5-048758**
Meeting #39, Montreal, CANADA, 16 - 20 August 2004

CR-Form-v7

CHANGE REQUEST

⌘ **32.634** CR **005** ⌘rev **-** ⌘ Current version: **5.2.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

Title:	⌘	Correction of modelling of Media GateWay (MGW)
Source:	⌘	**SA5** (john.power@ericsson.com, olaf.pollakowski@siemens.com)
Work item code:⌘	OAM-NIM	*Date:* ⌘ 20/08/2004
Category:	⌘ **F**	*Release:* ⌘ Rel-5

Use <u>one</u> of the following categories:
  F *(correction)*
  A *(corresponds to a correction in an earlier release)*
  B *(addition of feature),*
  C *(functional modification of feature)*
  D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
  2 (GSM Phase 2)
  R96 (Release 1996)
  R97 (Release 1997)
  R98 (Release 1998)
  R99 (Release 1999)
  Rel-4 (Release 4)
  Rel-5 (Release 5)
  Rel-6 (Release 6)

Reason for change:	⌘	MGW is incorrectly modelled in Rel-5
Summary of change:⌘		
Consequences if not approved:	⌘	It will not be possible to manage the full functionality of MGW in the core network. Class Diagram is in conflict with the rest of the document.

Clauses affected:	⌘	3.2, 4.2.1, 4.2.2.18, 4.2.3, 5, Annex A, Annex B

	Y	N		
Other specs affected:	⌘		X	Other core specifications ⌘
			X	Test specifications
			X	O&M Specifications

Other comments:	⌘	Parent CR 32.632 in S5-048734

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

CMIP	Common Management Information Protocol
DN	Distinguished Name
GDMO	Guidelines for the Definition of Managed Objects
IDL	Interface Definition Language
IEC	International Electrotechnical Commission
ISO	International Standards Organization
ITU-T	International Telecommunication Union, Telecommunication Sector
MGW	Media GateWay
MIB	Management Information Base
MIM	Management Information Model
MIT	Management Information Tree (or Naming Tree)
MOC	Managed Object Class
MOI	Managed Object Instance
NE	Network Element
NR	Network Resource
NRM	Network Resource Model
TMN	Telecommunications Management Network
UTRAN	UMTS Terrestrial Radio Access Network

Change in Clause 4.2.1

4.2.1 Mapping of Information Object Classes

Table 1 maps the Information Object Classes (IOCs) defined in the CN Network Resource Model onto the equivalent IOCs of the CMIP Solution Set.

Table 1: Mapping of IOCs

IS IOC	CMIP SS MOC
AucFunction	aucFunction
ALink	aLink
IucsLink	iucsLink
IupsLink	iupsLink
IubcLink	iubcLink
BgFunction	bgFunction
EirFunction	eirFunction
GbLink	gbLink
GgsnFunction	ggsnFunction
GmscFunction	gmscFunction
HlrFunction	hlrFunction
MscServerFunction	mscServerFunction
GmscServerFunction	gmscServerFunction
SgsnFunction	sgsnFunction
SmsGmscFunction	smsGmscFunction
SmsIwmscFunction	smsIwmscFunction
VlrFunction	vlrFunction
SmlcFunction	smlcFunction
GmlcFunction	gmlcFunction
ScfFunction	scfFunction
SrfFunction	srfFunction
CbcFunction	cbcFunction
CgfFunction	cqfFunction
CsMgwFunction	csMgwFunction
~~Ims~~MgwFunction	~~m~~ImsMgwFunction
GmscFunction	gmscFunction
IwfFunction	iwfFunction
MnpSrfFunction	mnpSrfFunction
NpdbFunction	npdbFunction
RSgwFunction	rSgwFunction
SsfFunction	ssfFunction
BsFunction	bsFunction

End of Change in Clause 4.2.1

Change in Clause 4.2.2.18

4.2.2.18   Attribute Mapping of the IOC *ImsMgwFunction*

Table 19: Attribute mapping of the IOC *ImsMgwFunction*

IS Attribute	CMIP SS Attribute	Support Qualifier	Read Qualifier	Write Qualifier
~~m~~imsMgwFunctionId	~~m~~imsMgwFunctionId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M

End of Change in Clause 4.2.2.18

Change in Clause 4.2.3

4.2.3 Mapping of Name Containments

Table 33: Mapping of name containments

IS Name Containment	CMIP SS Name Binding
smlcFunction - managedElement	smlcFunction-managedElement
gmlcFunction - managedElement	gmlcFunction-managedElement
scfFunction - managedElement	scfFunction-managedElement
srfFunction - managedElement	srfFunction-managedElement
cbcFunction - managedElement	cbcFunction-managedElement
cbcFunction - managedElement	cbcFunction-managedElement
cgfFunction - managedElement	cgfFunction-managedElement
imsMgwFunction - managedElement	imsMgwFunction-managedElement
gmscFunction - managedElement	gmscFunction-managedElement
iwfFunction - managedElement	iwfFunction-managedElement
mnpSrfFunction - managedElement	mnpSrfFunction-managedElement
npdbFunction - managedElement	npdbFunction-managedElement
rSgwFunction - managedElement	rSgwFunction-managedElement
ssfFunction - managedElement	ssfFunction-managedElement
bsFunction - managedElement	bsFunction-managedElement
bsFunction - managedElement	bsFunction-managedElement
bsFunction - managedElement	bsFunction-managedElement
aucFunction - managedElement	aucFunction-managedElement
bgFunction - managedElement	bgFunction-managedElement
eirFunction - managedElement	eirFunction-managedElement
ggsnFunction - managedElement	ggsnFunction-managedElement
hlrFunction - managedElement	hlrFunction-managedElement
mscServerFunction - managedElement	mscServerFunction-managedElement
vlrFunction - managedElement	vlrFunction-managedElement
sgsnFunction - managedElement	sgsnFunction-managedElement
smsGmscFunction - managedElement	smsGmscFunction-managedElement
smsGmscFunction - managedElement	smsGmscFunction-managedElement
smsIwmscFunction - managedElement	smsIwmscFunction-managedElement
gbLink - managedElement	gbLink-managedElement
aLink - managedElement	aLink-managedElement
iucsLink - managedElement	iucsLink-managedElement
iupsLink - managedElement	iupsLink-managedElement
iubcLink - managedElement	iubcLink-managedElement
gmscServerFunction - managedElement	gmscServerFunction-managedElement
csMgwFunction - managedElement	csMgwFunction-managedElement

End of Change in Clause 4.2.3

Change in Clause 5, 6, Annex A, Annex B

5 GDMO Definitions

5.1 Information Object Classes (IOCs)

5.1.1 smlcFunction

```
smlcFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        smlcFunctionBasicPackage,
```

```
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 1};
```

5.1.2   gmlcFunction

```
gmlcFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        gmlcFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 2};
```

5.1.3   scfFunction

```
scfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        scfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 3};
```

5.1.4   srfFunction

```
srfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        srfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 4};
```

5.1.5   cbcFunction

```
cbcFunction MANAGED OBJECT CLASS
    DERIVED FROM
```

```
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        cbcFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
            "the objectCreation and the objectDeletion notifications defined in
             ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
            "the attributeValueChange notification defined in ITU-T Rec. X.721
             is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 5};
```

5.1.6   cgfFunction

```
cgfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        cgfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
            "the objectCreation and the objectDeletion notifications defined in
             ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
            "the attributeValueChange notification defined in ITU-T Rec. X.721
             is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 6};
```

5.1.7   ~~m~~imsMgwFunction

```
imsMgwFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        imsMgwFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
            "the objectCreation and the objectDeletion notifications defined in
             ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
            "the attributeValueChange notification defined in ITU-T Rec. X.721
             is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 0503};
```

5.1.8   gmscFunction

```
gmscFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        gmscFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
            "the objectCreation and the objectDeletion notifications defined in
             ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
            "the attributeValueChange notification defined in ITU-T Rec. X.721
             is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 8};
```

5.1.9   iwfFunction

```
iwfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        iwfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 9};
```

5.1.10   mnpSrfFunction

```
mnpSrfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        mnpSrfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 10};
```

5.1.11   npdbFunction

```
npdbFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        npdbFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 11};
```

5.1.12   rSgwFunction

```
rSgwFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        rSgwFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
```

```
                        is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 12};
```

5.1.13   ssfFunction

```
ssfFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        ssfFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion notifications defined in
               ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
              "the attributeValueChange notification defined in ITU-T Rec. X.721
               is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 13};
```

5.1.14   bsFunction

```
bsFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        bsFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion notifications defined in
               ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
              "the attributeValueChange notification defined in ITU-T Rec. X.721
               is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 14};
```

5.1.15   aucFunction

```
aucFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        aucFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion notifications defined in
               ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
              "the attributeValueChange notification defined in ITU-T Rec. X.721
               is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 15};
```

5.1.16   bgFunction

```
bgFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        bgFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion notifications defined in
               ITU-T Rec. X.721 are supported by an instance of this class.",
```

```
"Rec. M.3100: 1995":attributeValueChangeNotificationPackage
    PRESENT IF
        "the attributeValueChange notification defined in ITU-T Rec. X.721
        is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 16};
```

5.1.17   eirFunction

```
eirFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        eirFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 17};
```

5.1.18   ggsnFunction

```
ggsnFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        ggsnFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 18};
```

5.1.19   hlrFunction

```
hlrFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        hlrFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 19};
```

5.1.20   mscServerFunction

```
mscFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        mscServerFunctionBasicPackage,
        mscServerFunctionAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
```

```
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 20};
```

5.1.21   sgsnFunction

```
sgsnFunction MANAGED OBJECT CLASS
    DERIVED FROM
       "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
       sgsnFunctionBasicPackage,
       sgsnFunctionAssociationPackage,
       "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
       "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
       "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 21};
```

5.1.22   smsGmscFunction

```
smsGmscFunction MANAGED OBJECT CLASS
    DERIVED FROM
       "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
       smsGmscFunctionBasicPackage,
       "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
       "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
       "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 22};
```

5.1.23   smsIwmscFunction

```
smsIwmscFunction MANAGED OBJECT CLASS
    DERIVED FROM
       "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
       smsIwmscFunctionBasicPackage,
       "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
       "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
       "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 23};
```

5.1.24   vlrFunction

```
vlrFunction MANAGED OBJECT CLASS
    DERIVED FROM
       "3GPP TS 32.624 Release 5": managedFunction;
```

```
    CHARACTERIZED BY
        vlrFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 24};
```

5.1.25   gbLink

```
gbLink MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        gbLinkBasicPackage,
        gbLinkAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 25};
```

5.1.26   aLink

```
aLink MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        aLinkBasicPackage,
        aLinkAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 26};
```

5.1.27   iucsLink

```
iucsLink MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        iucsLinkBasicPackage,
        iucsLinkAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion notifications defined in
                ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notification defined in ITU-T Rec. X.721
                is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 27};
```

5.1.28 iupsLink

```
iupsLink MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        iupsLinkBasicPackage,
        iupsLinkAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 28};
```

5.1.29 iubcLink

```
iubcLink MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        iubcLinkBasicPackage,
        iubcLinkAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 29};
```

5.1.30 csMgwFunction

```
csMgwFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        csMgwFunctionBasicPackage,
        csMgwFunctionAssociationPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
                "the attributeValueChange notification defined in ITU-T Rec. X.721
                 is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 30};
```

5.1.31 GmscServerFunction

```
gmscServerFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        gmscServerFunctionBasicPackage,
        "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
    CONDITIONAL PACKAGES
        "Rec. M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion notifications defined in
                 ITU-T Rec. X.721 are supported by an instance of this class.",
```

```
    "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
        PRESENT IF
          "the attributeValueChange notification defined in ITU-T Rec. X.721
           is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 31};
```

5.2 Packages

5.2.1 smlcFunctionBasicPackage

```
smlcFunctionBasicPackage PACKAGE
    BEHAVIOUR
      smlcFunctionBasicPackageBehaviour;
    ATTRIBUTES
      smlcFunctionId     GET;
REGISTERED AS {ts32-634Package 1};

smlcFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'SmlcFunction' Information Object represents the SMLC functionality. For more information
     about the SMLC, see 3GPP TS 23.002";
```

5.2.2 gmlcFunctionBasicPackage

```
gmlcFunctionBasicPackage PACKAGE
    BEHAVIOUR
      gmlcFunctionBasicPackageBehaviour;
    ATTRIBUTES
      gmlcFunctionId     GET;
REGISTERED AS {ts32-634Package 2};

gmlcFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'GmlcFunction' Information Object represents the GMLC functionality. For more information
     about the GMLC, see 3GPP TS 23.002";
```

5.2.3 scfFunctionBasicPackage

```
scfFunctionBasicPackage PACKAGE
    BEHAVIOUR
      scfFunctionBasicPackageBehaviour;
    ATTRIBUTES
      scfFunctionId     GET;
REGISTERED AS {ts32-634Package 3};

scfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'ScfFunction' Information Object represents the SCF functionality. For more information
     about the SCF, see 3GPP TS 23.002";
```

5.2.4 srfFunctionBasicPackage

```
srfFunctionBasicPackage PACKAGE
    BEHAVIOUR
      srfFunctionBasicPackageBehaviour;
    ATTRIBUTES
      srfFunctionId     GET;
REGISTERED AS {ts32-634Package 4};

srfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'SrfFunction' Information Object represents the SRF functionality. For more information
     about the SRF, see 3GPP TS 23.002";
```

5.2.5 cbcFunctionBasicPackage

```
cbcFunctionBasicPackage PACKAGE
    BEHAVIOUR
      cbcFunctionBasicPackageBehaviour;
```

```
    ATTRIBUTES
        cbcFunctionId      GET;
REGISTERED AS {ts32-634Package 5};


cbcFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'CbcFunction' Information Object represents the SBC functionality. For more
     information about the SBC, see 3GPP TS 23.002";
```

5.2.6   cgfFunctionBasicPackage

```
cgfFunctionBasicPackage PACKAGE
    BEHAVIOUR
        cgfFunctionBasicPackageBehaviour;
    ATTRIBUTES
        cgfFunctionId      GET;
REGISTERED AS {ts32-634Package 6};


cgfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'CgfFunction' Information Object represents the CGF functionality. For more information
     about the CGF, see 3GPP TS 23.002";
```

5.2.7   ~~m~~imsMgwFunctionBasicPackage

```
mimsMgwFunctionBasicPackage PACKAGE
    BEHAVIOUR
        mimsMgwFunctionBasicPackageBehaviour;
    ATTRIBUTES
        imsMmgwFunctionId      GET;
REGISTERED AS {ts32-634Package 70503};


mimsMgwFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'imsMgwFunction' Information Object represents the IMS-MGW functionality. For more
      information
      about the IMS-MGW, see 3GPP TS 23.002";
```

5.2.8   gmscFunctionBasicPackage

```
gmscFunctionBasicPackage PACKAGE
    BEHAVIOUR
        gmscFunctionBasicPackageBehaviour;
    ATTRIBUTES
        gmscFunctionId      GET;
REGISTERED AS {ts32-634Package 8};


gmscFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'GmscFunction' Information Object represents the GMSC functionality. For more information
     about the GMSC, see 3GPP TS 23.002";
```

5.2.9   iwfFunctionBasicPackage

```
iwfFunctionBasicPackage PACKAGE
    BEHAVIOUR
        iwfFunctionBasicPackageBehaviour;
    ATTRIBUTES
        iwfFunctionId      GET;
REGISTERED AS {ts32-634Package 9};


iwfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'IwfFunction' Information Object represents the IWF functionality. For more information
     about the IWF, see 3GPP TS 23.002";
```

5.2.10   mnpSrfFunctionBasicPackage

```
mnpSrfFunctionBasicPackage PACKAGE
```

```
    BEHAVIOUR
        mnpSrfFunctionBasicPackageBehaviour;
    ATTRIBUTES
        mnpSrfFunctionId  GET;
REGISTERED AS {ts32-634Package 10};


mnpSrfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'MnpSrfFunction' Information Object represents the MNPSRF functionality. For more
     information about the MNPSRF, see 3GPP TS 23.002";
```

5.2.11   npdbFunctionBasicPackage

```
npdbFunctionBasicPackage PACKAGE
    BEHAVIOUR
        npdbFunctionBasicPackageBehaviour;
    ATTRIBUTES
        npdbFunctionId  GET;
REGISTERED AS {ts32-634Package 11};


npdbFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'NpdbFunction' Information Object represents the NPDB functionality. For more information
     about the NPDB, see 3GPP TS 23.002";
```

5.2.12   rSgwFunctionBasicPackage

```
rSgwFunctionBasicPackage PACKAGE
    BEHAVIOUR
        rSgwFunctionBasicPackageBehaviour;
    ATTRIBUTES
        rSgwFunctionId      GET;
REGISTERED AS {ts32-634Package 12};


rSgwFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'RSgwFunction' Information Object represents the R-SGW functionality. For more information
     about the R-SGW, see 3GPP TS 23.002";
```

5.2.13   ssfFunctionBasicPackage

```
ssfFunctionBasicPackage PACKAGE
    BEHAVIOUR
        ssfFunctionBasicPackageBehaviour;
    ATTRIBUTES
        ssfFunctionId      GET;
REGISTERED AS {ts32-634Package 13};


ssfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'SsfFunction' Information Object represents the SSF functionality. For more information
     about the SSF, see 3GPP TS 23.002";
```

5.2.14   bsFunctionBasicPackage

```
bsFunctionBasicPackage PACKAGE
    BEHAVIOUR
        bsFunctionBasicPackageBehaviour;
    ATTRIBUTES
        bsFunctionId      GET;
REGISTERED AS {ts32-634Package 14};


bsFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'BsFunction' Information Object represents the BS functionality. For more information about
     the BS, see 3GPP TS 23.002";
```

5.2.15   aucFunctionBasicPackage

```
aucFunctionBasicPackage PACKAGE
    BEHAVIOUR
```

```
        aucFunctionBasicPackageBehaviour;
    ATTRIBUTES
        aucFunctionId      GET;
REGISTERED AS {ts32-634Package 15};
```

```
aucFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'aucFunction' Information Object represents the AUC functionality. For more information
     about the AUC, see 3GPP TS 23.002";
```

5.2.16   bgFunctionBasicPackage

```
bgFunctionBasicPackage PACKAGE
    BEHAVIOUR
        bgFunctionBasicPackageBehaviour;
    ATTRIBUTES
        bgFunctionId      GET;
REGISTERED AS {ts32-634Package 16};
```

```
bgFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'bgFunction' Information Object represents the BG functionality. For more information about
     the BG, see 3GPP TS 23.002";
```

5.2.17   eirFunctionBasicPackage

```
eirFunctionBasicPackage PACKAGE
    BEHAVIOUR
        eirFunctionBasicPackageBehaviour;
    ATTRIBUTES
        eirFunctionId  GET;
REGISTERED AS {ts32-634Package 17};
```

```
eirFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'EirFunction' Information Object represents the EIR functionality. For more information
     about the EIR, see 3GPP TS 23.002";
```

5.2.18   ggsnFunctionBasicPackage

```
ggsnFunctionBasicPackage PACKAGE
    BEHAVIOUR
        ggsnFunctionBasicPackageBehaviour;
    ATTRIBUTES
        ggsnFunctionId  GET;
REGISTERED AS {ts32-634Package 18};
```

```
ggsnFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'GGSNFunction' Information Object represents the GGSN functionality. For more information
     about the GGSN, see 3GPP TS 23.002";
```

5.2.19   hlrFunctionBasicPackage

```
hlrFunctionBasicPackage PACKAGE
    BEHAVIOUR
        hlrFunctionBasicPackageBehaviour;
    ATTRIBUTES
        hlrFunctionId      GET;
REGISTERED AS {ts32-634Package 19};
```

```
hlrFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'HLRFunction' Information Object represents the HLR functionality. For more information
     about the HLR, see 3GPP TS 23.002";
```

5.2.20   mscServerFunctionBasicPackage

```
mscServerFunctionBasicPackage PACKAGE
    BEHAVIOUR
        mscServerFunctionBasicPackageBehaviour;
```

```
    ATTRIBUTES
      mscServerFunctionId      GET,
      mccList                  GET-REPLACE,
      mncList                  GET-REPLACE,
      lacList                  GET-REPLACE,
      sacList                  GET-REPLACE,
      gcaList                  GET-REPLACE,
      mscId                    GET-REPLACE;
REGISTERED AS {ts32-634Package 20};

mscServerFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'MSCServerFunction' Information Object represents the MSCServer functionality.
     For more information about the MSCServer, see 3GPP TS 23.002";
```

5.2.21   mscServerFunctionAssociationPackage

```
mscServerFunctionAssociationPackage PACKAGE
    BEHAVIOUR
      mscServerFunctionAssociationPackageBehaviour;
    ATTRIBUTES
      mscServerFunction-GSMcell            GET,
      mscServerFunction-ExternalGSMcell    GET,
      mscServerFunction-CsMgwFunction      GET;
REGISTERED AS {ts32-634Package 21};

mscServerFunctionAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
    "This Package contains the attributes of an 'MscServerFunction' information object in
     relation with associations to GsmCell, ExternalGsmCell and CsMgwFunction information objects";
```

5.2.22   sgsnFunctionBasicPackage

```
sgsnFunctionBasicPackage PACKAGE
    BEHAVIOUR
      sgsnFunctionBasicPackageBehaviour;
    ATTRIBUTES
      sgsnFunctionId       GET,
      mccList              GET-REPLACE,
      mncList              GET-REPLACE,
      lacList              GET-REPLACE,
      racList              GET-REPLACE,
      sgsnId               GET-REPLACE,
      mscId                GET-REPLACE;
REGISTERED AS {ts32-634Package 22};

sgsnFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'sgsnFunction' Information Object represents the SGSN functionality. For more information
     about the SGSN, see 3GPP TS 23.002";
```

5.2.23   sgsnFunctionAssociattionPackage

```
sgsnFunctionAssociationPackage PACKAGE
    BEHAVIOUR
      sgsnFunctionAssociationPackageBehaviour;
    ATTRIBUTES
      sgsnFunction-GSMcell            GET,
      sgsnFunction-ExternalGSMcell    GET;
REGISTERED AS {ts32-634Package 23};

sgsnFunctionAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
    "This Package contains the attributes of an 'SGSNFunction' information object in relation
     with associations to GsmCell and ExternalGsmCell information objects.";
```

5.2.24   smsGmscFunctionBasicPackage

```
smsGmscFunctionBasicPackage PACKAGE
    BEHAVIOUR
      smsGmscFunctionBasicPackageBehaviour;
    ATTRIBUTES
      smsGmscFunctionId     GET;
```

```
REGISTERED AS {ts32-634Package 24};

smsGmscFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'smsGmscFunction' Information Object represents the SMS-GMSC functionality.
    For more information about the SMS-GMSC, see 3GPP TS 23.002";
```

5.2.25   smsIwmscFunctionBasicPackage

```
smsIwmscFunctionBasicPackage PACKAGE
   BEHAVIOUR
      smsIwmscFunctionBasicPackageBehaviour;
   ATTRIBUTES
      smsIwmscFunctionId      GET;
REGISTERED AS {ts32-634Package 25};

smsIwmscFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'smsIwmscFunction' Information Object represents the SmsIwMSC functionality.
    For more information about the SmsIwMsc, see 3GPP TS 23.002";
```

5.2.26   vlrFunctionBasicPackage

```
vlrFunctionBasicPackage PACKAGE
   BEHAVIOUR
      vlrFunctionBasicPackageBehaviour;
   ATTRIBUTES
      vlrFunctionId      GET;
REGISTERED AS {ts32-634Package 26};

vlrFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'vlrFunction' Information Object represents the VLR functionality. For more information
    about the VLR, see 3GPP TS 23.002";
```

5.2.27   gbLinkBasicPackage

```
gbLinkBasicPackage PACKAGE
   BEHAVIOUR
      gbLinkBasicPackageBehaviour;
   ATTRIBUTES
      gbLinkId      GET;
REGISTERED AS {ts32-634Package 27};

gbLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'gbLink' Information Object represents the Gb link functionality. For more information
    about the Gb link, see 3GPP TS 23.002";
```

5.2.28   gbLinkAssociationPackage

```
gbLinkAssociationPackage PACKAGE
   BEHAVIOUR
      gbLinkAssociationPackageBehaviour;
   ATTRIBUTES
      connectedBss      GET;
REGISTERED AS {ts32-634Package 28};

gbLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
   "This Package contains the attributes of an 'gbLink' information object in relation with
    associations to BssFunction or ExternalBssFunction objects";
```

5.2.29   aLinkBasicPackage

```
aLinkBasicPackage PACKAGE
   BEHAVIOUR
      aLinkBasicPackageBehaviour;
   ATTRIBUTES
      aLinkId      GET;
REGISTERED AS {ts32-634Package 29};
```

```
aLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'aLink' Information Object represents the A link functionality. For more information
     about the A link, see 3GPP TS 23.002";
```

5.2.30   aLinkAssociationPackage

```
aLinkAssociationPackage PACKAGE
    BEHAVIOUR
        aLinkAssociationPackageBehaviour;
    ATTRIBUTES
        connectedBss      GET;
REGISTERED AS {ts32-634Package 30};


aLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
    "This Package contains the attributes of an 'aLink' information object in relation with
     associations to BssFunction or ExternalBssFunction objects";
```

5.2.31   iucsLinkBasicPackage

```
iucsLinkBasicPackage PACKAGE
    BEHAVIOUR
        iucsLinkBasicPackageBehaviour;
    ATTRIBUTES
        iucsLinkId      GET;
REGISTERED AS {ts32-634Package 31};


iucsLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'iucsLink' Information Object represents the Iu-cs link functionality. For more
     information about the Iu-cs link, see 3GPP TS 23.002";
```

5.2.32   iucsLinkAssociationPackage

```
iucsLinkAssociationPackage PACKAGE
    BEHAVIOUR
        iucsLinkAssociationPackageBehaviour;
    ATTRIBUTES
        connectedRnc      GET,
        connectedBss      GET;
REGISTERED AS {ts32-634Package 32};


iucsLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
    "This Package contains the attributes of an 'iucsLink' information object in relation with
     associations to Bss/RncFunction or ExternalBss/RncFunction objects";
```

5.2.33   iupsLinkBasicPackage

```
iupsLinkBasicPackage PACKAGE
    BEHAVIOUR
        iupsLinkBasicPackageBehaviour;
    ATTRIBUTES
        iupsLinkId      GET;
REGISTERED AS {ts32-634Package 33};


iupsLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'iupsLink' Information Object represents the Iu-ps link functionality. For more
     information about the Iu-ps link, see 3GPP TS 23.002";
```

5.2.34   iupsLinkAssociationPackage

```
iupsLinkAssociationPackage PACKAGE
    BEHAVIOUR
        iupsLinkAssociationPackageBehaviour;
    ATTRIBUTES
        connectedRnc      GET,
        connectedBss      GET;
```

```
REGISTERED AS {ts32-634Package 34};

iupsLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
   "This Package contains the attributes of an 'iupsLink' information object in relation with
    associations to Bss/RncFunction or ExternalBss/RncFunction objects";
```

5.2.35 iubcLinkBasicPackage

```
iubcLinkBasicPackage PACKAGE
   BEHAVIOUR
      iubcLinkBasicPackageBehaviour;
   ATTRIBUTES
      iubcLinkId      GET;
REGISTERED AS {ts32-634Package 35};

iubcLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'iubcLink' Information Object represents the Iu-bc link functionality. For more
    information about the Iu-bc link, see 3GPP TS 23.002";
```

5.2.36 iubcLinkAssociationPackage

```
iubcLinkAssociationPackage PACKAGE
   BEHAVIOUR
      iubcLinkAssociationPackageBehaviour;
   ATTRIBUTES
      connectedRnc      GET;
REGISTERED AS {ts32-634Package 36};

iubcLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
   "This Package contains the attributes of an 'iubcLink' information object in relation with
    associations to RncFunction or ExternalRncFunction objects";
```

5.2.37 csMgwFunctionBasicPackage

```
csMgwFunctionBasicPackage PACKAGE
   BEHAVIOUR
      csMgwFunctionBasicPackageBehaviour;
   ATTRIBUTES
      csMgwFunctionId      GET;
REGISTERED AS {ts32-634Package 37};

csMgwFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
   "The 'csMgwFunction' Information Object represents the CS-MGW functionality. For more
    information about the CS-MGW, see 3GPP TS 23.002";
```

5.2.38 csMgwFunctionAssociationPackage

```
csMgwFunctionAssociationPackage PACKAGE
   BEHAVIOUR
      csMgwFunctionAssociationPackageBehaviour;
   ATTRIBUTES
      csMgwFunction-MscServerFunction      GET,
      csMgwFunction-IucsLink               GET,
      csMgwFunction-Alink                  GET;
REGISTERED AS {ts32-634Package 38};

csMgwFunctionAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
   "This Package contains the attributes of an 'csMgwFunction' information object in relation
    with associations to mscServerFunction, iucsLink or aLink objects";
```

5.2.39 gmscServerFunctionBasicPackage

```
gmscServerFunctionBasicPackage PACKAGE
   BEHAVIOUR
      gmscServerFunctionBasicPackageBehaviour;
   ATTRIBUTES
```

```
    gmscServerFunctionId     GET;
REGISTERED AS {ts32-634Package 39};
```

```
gmscServerFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'gmscServerFunction' Information Object represents the GMSCServer functionality. For more
     information about the GMSCServer, see 3GPP TS 23.002";
```

5.3 Attributes

5.3.1 smlcFunctionId

```
smlcFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        smlcFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 1};
```

```
smlcFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a smlcFunction instance.";
```

5.3.2 gmlcFunctionId

```
gmlcFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        gmlcFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 2};
```

```
gmlcFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a gmlcFunction instance.";
```

5.3.3 scfFunctionId

```
scfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        scfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 3};
```

```
scfFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a scfFunction instance.";
```

5.3.4 srfFunctionId

```
srfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        srfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 4};
```

```
srfFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a srfFunction instance.";
```

5.3.5 cbcFunctionId

```
cbcFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        cbcFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 5};

cbcFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a cbcFunction instance.";
```

5.3.6 cgfFunctionId

```
cgfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        cgfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 6};

cgfFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a cgfFunction instance.";
```

5.3.7 ~~m~~imsMgwFunctionId

```
mimsMgwFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        mimsMgwFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 70503};

mimsMgwFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies an mimsMgwFunction instance.";
```

5.3.8 gmscFunctionId

```
gmscFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        gmscFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 8};

gmscFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a gmscFunction instance.";
```

5.3.9 iwfFunctionId

```
iwfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        iwfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 9};

iwfFunctionIdBehaviour BEHAVIOUR
```

```
DEFINED AS
    "This attribute identifies a iwfFunction instance.";
```

5.3.10   mnpSrfFunctionId

```
mnpSrfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        mnpSrfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 10};

mnpSrfFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a mnpSrfFunction instance.";
```

5.3.11   npdbFunctionId

```
npdbFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        npdbFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 11};

npdbFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a npdbFunction instance.";
```

5.3.12   rSgwFunctionId

```
rSgwFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        rSgwFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 12};

rSgwFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a rSgwFunction instance.";
```

5.3.13   ssfFunctionId

```
ssfFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        ssfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 13};

ssfFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a ssfFunction instance.";
```

5.3.14   bsFunctionId

```
bsFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
```

```
      bsFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 14};

bsFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a bsFunction instance.";
```

5.3.15   aucFunctionId

```
aucFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      aucFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 15};

aucFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a aucFunction instance.";
```

5.3.16   bgFunctionId

```
bgFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      bgFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 16};

bgFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a bgFunction instance.";
```

5.3.17   eirFunctionId

```
eirFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      eirFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 17};

eirFunctionIdBehaviour BEHAVIOUR
DEFINED AS
"This attribute identifies a eirFunction instance.";
```

5.3.18   ggsnFunctionId

```
ggsnFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      ggsnFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 18};

ggsnFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a ggsnFunction instance.";
```

5.3.19   hlrFunctionId

```
hlrFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
```

```
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        hlrFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 19};

hlrFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a hlrFunction instance.";
```

5.3.20   mscServerFunctionId

```
mscServerFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        mscServerFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 20};

mscServerFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a mscServerFunction instance.";
```

5.3.21   vlrFunctionId

```
vlrFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        vlrFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 21};

vlrFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a vlrFunction instance.";
```

5.3.22   sgsnFunctionId

```
sgsnFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        sgsnFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 22};

sgsnFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a sgsnFunction instance.";
```

5.3.23   smsGmscFunctionId

```
smsGmscFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        smsGmscFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 23};

smsGmscFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a smsGmscFunction instance.";
```

5.3.24 smsIwmscFunctionId

```
smsIwmscFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        smsIwmscFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 24};

smsIwmscFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a smsIwmscFunction instance.";
```

5.3.25 gbLinkId

```
gbLinkId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        gbLinkIdBehaviour;
REGISTERED AS {ts32-634Attribute 25};

gbLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a gbLink instance.";
```

5.3.26 aLinkId

```
aLinkId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        aLinkIdBehaviour;
REGISTERED AS {ts32-634Attribute 26};

aLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a aLink instance.";
```

5.3.27 iucsLinkId

```
iucsLinkId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        iucsLinkIdBehaviour;
REGISTERED AS {ts32-634Attribute 27};

iucsLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a iucsLink instance.";
```

5.3.28 iupsLinkId

```
iupsLinkId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        iupsLinkIdBehaviour;
REGISTERED AS {ts32-634Attribute 28};
```

```
iupsLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a iupsLink instance.";
```

5.3.29   iubcLinkId

```
iubcLinkId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        iubcLinkIdBehaviour;
REGISTERED AS {ts32-634Attribute 29};

iubcLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a iubcLink instance.";
```

5.3.30   csMgwFunctionId

```
csMgwFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        csMgwFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 30};

csMgwFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a csMgwFunction instance.";
```

5.3.31   gmscServerFunctionId

```
gmscServerFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        gmscServerFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 31};

gmscServerFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a gmscServerFunction instance.";
```

5.3.32   mccList

```
mccList ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.MccList;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        mccListBehaviour;
REGISTERED AS {ts32-634Attribute 32};

mccListBehaviour BEHAVIOUR
DEFINED AS
    "List of Mobile Country Codes, MCC. The MCC is part of the PLMN Id (Ref. 3 GPP TS 23.003).";
```

5.3.33   mncList

```
mncList ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.MncList;
    MATCHES FOR
        EQUALITY;
```

```
   BEHAVIOUR
      mncListBehaviour;
REGISTERED AS {ts32-634Attribute 33};

mncListBehaviour BEHAVIOUR
DEFINED AS
   "List of Mobile Network Code, MNC. The MNC is part of the PLMN Id (Ref. 3 GPP TS 23.003).";
```

5.3.34   lacList

```
lacList ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.LacList;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      lacListBehaviour;
REGISTERED AS {ts32-634Attribute 34};

lacListBehaviour BEHAVIOUR
DEFINED AS
   "List of Location Area Codes covered by SGSN (Ref. 3 GPP TS 23.003).";
```

5.3.35   sacList

```
sacList ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.SacList;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      sacListBehaviour;
REGISTERED AS {ts32-634Attribute 35};

sacListBehaviour BEHAVIOUR
DEFINED AS
   "List of Service Area Codes covered by SGSN (Ref. 3 GPP TS 23.003).";
```

5.3.36   uraList

Void.

5.3.37   gcaList

```
gcaList ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.CgaList;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      gcaListBehaviour;
REGISTERED AS {ts32-634Attribute 37};

gcaListBehaviour BEHAVIOUR
DEFINED AS
   "List of Group Call Area (Ref. 3 GPP TS 23.003).";
```

5.3.38   mscId

```
mscId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      mscIdBehaviour;
REGISTERED AS {ts32-634Attribute 38};

mscIdBehaviour BEHAVIOUR
DEFINED AS
   "Unique MSC ID (Ref. 3 GPP TS 23.002).";
```

5.3.39   mscServerFunction-GSMcell

```
mscServerFunction-GSMcell ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      mscServerFunction-GSMcellBehaviour;
REGISTERED AS {ts32-634Attribute 39};

mscServerFunction-GSMcellBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related GSMcell instance. This is a reference attribute
    modelling the role (of the association AssociatedWith) that this MscServerFunction
    is associated with to 0-* GSMcell.";
```

5.3.40   mscServerFunction-ExternalGSMcell

```
mscServerFunction-ExternalGSMcell ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      mscServerFunction-ExternalGSMcellBehaviour;
REGISTERED AS {ts32-634Attribute 40};

mscServerFunction-ExternalGSMcellBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related ExternalGSMcell instance. This is a reference
    attribute modelling the role (of the association AssociatedWith) that this MscServerFunction
    is associated with to 0-* ExternalGSMcell.";
```

5.3.41   mscServerFunction-CsMgwFunction

```
mscServerFunction-CsMgwFunction ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      mscServerFunction-CsMgwFunctionBehaviour;
REGISTERED AS {ts32-634Attribute 41};

mscServerFunction-CsMgwFunctionBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related CsMgwFunction instance. This is a reference
    attribute modelling the role (of the association AssociatedWith) that this MscServerFunction
    is associated with to 0-* CsMgwFunction.";
```

5.3.42   racList

```
racList ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.RacList;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      racListBehaviour;
REGISTERED AS {ts32-634Attribute 42};

racListBehaviour BEHAVIOUR
DEFINED AS
   "List of Routing Area Codes covered by SGSN (Ref. 3 GPP TS 23.003).";
```

5.3.43   sgsnId

```
sgsnId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
```

```
      TS32-634TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      sgsnIdBehaviour;
REGISTERED AS {ts32-634Attribute 43};

sgsnIdBehaviour BEHAVIOUR
DEFINED AS
   "Unique SGSN ID (Ref. 3 GPP TS 23.002).";
```

5.3.44   sgsnFunction-GSMcell

```
sgsnFunction-GSMcell ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      sgsnFunction-GSMcellBehaviour;
REGISTERED AS {ts32-634Attribute 44};

sgsnFunction-GSMcellBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related GSMcell instance. This is a reference attribute
    modelling the role (of the association AssociatedWith) that this SgsnFunction is associated
    with to 0-* GSMcell.";
```

5.3.45   sgsnFunction-ExternalGSMcell

```
sgsnFunction-ExternalGSMcell ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      sgsnFunction-ExternalGSMcellBehaviour;
REGISTERED AS {ts32-634Attribute 45};

sgsnFunction-ExternalGSMcellBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related ExternalGSMcell instance. This is a reference
    attribute modelling the role (of the association AssociatedWith) that this SgsnFunction
    is associated with to 0-* ExternalGSMcell.";
```

5.3.46   connectedBss

```
connectedBss ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      connectedBssBehaviour;
REGISTERED AS {ts32-634Attribute 46};

connectedBssBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related BssFunction or ExternalBssFunction instance. This is
    a reference attribute modelling the role (of the association AssociatedWith) that link is
    connected to 0-1 BssFunction or 0-1 ExternalBssFunction.";
```

5.3.47   connectedRnc

```
connectedRnc ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      connectedRncBehaviour;
REGISTERED AS {ts32-634Attribute 47};
```

```
connectedRncBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related RncFunction or ExternalRncFunction instance. This is
    a reference attribute modelling the role (of the association AssociatedWith) that link is
    connected to 0-1 RncFunction or 0-1 ExternalRncFunction.";
```

5.3.48 csMgwFunction-MscServerFunction

```
csMgwFunction-MscServerFunction ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      csMgwFunction-MscServerFunctionBehaviour;
REGISTERED AS {ts32-634Attribute 48};

csMgwFunction-MscServerFunctionBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related mscServerFunction instance. This is a reference
    attribute modelling the role (of the association AssociatedWith) that this csMgwFunction is
    associated with to 0-* mscServerFunction.";
```

5.3.49 csMgwFunction-IucsLink

```
csMgwFunction-IucsLink ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
   csMgwFunction-IucsLinkBehaviour;
REGISTERED AS {ts32-634Attribute 49};

csMgwFunction-IucsLinkBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related IucsLink instance. This is a reference attribute
    modelling the role (of the association AssociatedWith) that this csMgwFunction is
    connected to 0-* IucsLink.";
```

5.3.50 csMgwFunction-Alink

```
csMgwFunction-Alink ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      csMgwFunction-AlinkBehaviour;
REGISTERED AS {ts32-634Attribute 50};

csMgwFunction-AlinkBehaviour BEHAVIOUR
DEFINED AS
   "This value contains the DN of the related ALink instance. This is a reference attribute
    modelling the role (of the association AssociatedWith) that this csMgwFunction is
    connected to 0-* ALink.";
```

5.4 Name Binding

5.4.1 smlcFunction - managedElement

```
smlcFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      smlcFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      smlcFunctionId;
   BEHAVIOUR
      smlcFunction-managedElementBehaviour;
   CREATE
```

```
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 1};

smlcFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     smlcFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.2   gmlcFunction - managedElement

```
gmlcFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        gmlcFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        gmlcFunctionId;
    BEHAVIOUR
        gmlcFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 2};

gmlcFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     gmlcFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.3   scfFunction - managedElement

```
scfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        scfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        scfFunctionId;
    BEHAVIOUR
        scfFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 3};

scfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     scfFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.4   srfFunction - managedElement

```
srfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        srfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        srfFunctionId;
    BEHAVIOUR
        srfFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 4};
```

```
srfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     srfFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.5 cbcFunction - managedElement

```
cbcFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
       cbcFunction;
    NAMED BY SUPERIOR OBJECT CLASS
       "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
       cbcFunctionId;
    BEHAVIOUR
       cbcFunction-managedElementBehaviour;
    CREATE
       WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
       ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 5};

cbcFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     cbcFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.6 cgfFunction - managedElement

```
cgfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
       cgfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
       cgfFunctionId;
    BEHAVIOUR
       cgfFunction-managedElementBehaviour;
    CREATE
       WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
       ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 6};

cgfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     cgfFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.7 ~~m~~imsMgwFunction - managedElement

```
~~m~~imsMgwFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
       ~~m~~imsMgwFunction;
    NAMED BY SUPERIOR OBJECT CLASS
       "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
       ~~m~~imsMgwFunctionId;
    BEHAVIOUR
       ~~m~~imsMgwFunction-managedElementBehaviour;
    CREATE
       WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
       ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 7~~0503~~};

~~m~~imsMgwFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls an
     ~~m~~imsMgwFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.8 gmscFunction - managedElement

```
gmscFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        gmscFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        gmscFunctionId;
    BEHAVIOUR
        gmscFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 8};

gmscFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     gmscFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.9 iwfFunction - managedElement

```
iwfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        iwfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        iwfFunctionId;
    BEHAVIOUR
        iwfFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 9};

iwfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     iwfFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.10 mnpSrfFunction - managedElement

```
mnpSrfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        mnpSrfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        mnpSrfFunctionId;
    BEHAVIOUR
        mnpSrfFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 10};

mnpSrfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     mnpSrfFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.11 npdbFunction - managedElement

```
npdbFunction-managedElement NAME BINDING
```

```
   SUBORDINATE OBJECT CLASS
      npdbFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      npdbFunctionId;
   BEHAVIOUR
      npdbFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 11};


npdbFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    npdbFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.12   rSgwFunction - managedElement

```
rSgwFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      rSgwFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      rSgwFunctionId;
   BEHAVIOUR
      rSgwFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 12};


rSgwFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    rSgwFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.13   ssfFunction - managedElement

```
ssfFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      ssfFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      ssfFunctionId;
   BEHAVIOUR
      ssfFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 13};


ssfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    ssfFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.14   bsFunction - managedElement

```
bsFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      bsFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
```

```
      bsFunctionId;
   BEHAVIOUR
      bsFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 14};

bsFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    bsFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.15   aucFunction - managedElement

```
aucFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      aucFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      aucFunctionId;
   BEHAVIOUR
      aucFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 15};

aucFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    aucFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.16   bgFunction - managedElement

```
bgFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      bgFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      bgFunctionId;
      BEHAVIOUR
      bgFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 16};

bgFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    bgFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.17   eirFunction - managedElement

```
eirFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      eirFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      eirFunctionId;
   BEHAVIOUR
      eirFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
```

```
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 17};
```

```
eirFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     eirFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.18 ggsnFunction - managedElement

```
ggsnFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        ggsnFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        ggsnFunctionId;
    BEHAVIOUR
        ggsnFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 18};
```

```
ggsnFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     ggsnFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.19 hlrFunction - managedElement

```
hlrFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        hlrFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        hlrFunctionId;
    BEHAVIOUR
        hlrFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 19};
```

```
hlrFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     hlrFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.20 mscServerFunction - managedElement

```
mscServerFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        mscFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        mscServerFunctionId;
    BEHAVIOUR
        mscServerFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 20};
```

```
mscServerFunction-managedElementBehaviour BEHAVIOUR
```

```
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    mscServerFunction. When automatic instance naming is used, the choice of name bindings is left
    as a local matter.";
```

5.4.21   vlrFunction - managedElement

```
vlrFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      vlrFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      vlrFunctionId;
   BEHAVIOUR
      vlrFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 21};

vlrFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    vlrFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.22   sgsnFunction - managedElement

```
sgsnFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      sgsnFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      sgsnFunctionId;
   BEHAVIOUR
      sgsnFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 22};

sgsnFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    sgsnFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.23   smsGmscFunction - managedElement

```
smsGmscFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      smsGmscFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      smsGmscFunctionId;
   BEHAVIOUR
      smsGmscFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 23};

smsGmscFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    smsGmscFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.24 smsIwmscFunction - managedElement

```
smsIwmscFunction-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      smsIwmscFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      smsIwmscFunctionId;
   BEHAVIOUR
      smsIwmscFunction-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 24};

smsIwmscFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    smsIwmscFunction. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.25 gbLink - managedElement

```
gbLink-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      gbLink;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      gbLinkId;
   BEHAVIOUR
      gbLink-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 25};

gbLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    gbLink. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.26 aLink - managedElement

```
aLink-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
      aLink;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": managedElement;
   WITH ATTRIBUTE
      aLinkId;
   BEHAVIOUR
      aLink-managedElementBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 26};

aLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which a managedElement contains and controls a
    aLink. When automatic instance naming is used, the choice of name bindings is left as
    a local matter.";
```

5.4.27 iucsLink - managedElement

```
iucsLink-managedElement NAME BINDING
   SUBORDINATE OBJECT CLASS
```

```
        iucsLink;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        iucsLinkId;
    BEHAVIOUR
        iucsLink-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 27};
```

```
iucsLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     iucsLink. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.28   iupsLink - managedElement

```
iupsLink-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        iupsLink;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        iupsLinkId;
    BEHAVIOUR
        iupsLink-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 28};
```

```
iupsLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     iupsLink. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.29   iubcLink - managedElement

```
iubcLink-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        iubcLink;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        iubcLinkId;
    BEHAVIOUR
        iubcLink-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 29};
```

```
iubcLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     iubcLink. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

5.4.30   gmscServerFunction - managedElement

```
gmscServerFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        gmscServerFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        gmscServerFunctionId;
```

```
    BEHAVIOUR
        gmscServerFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 30};

gmscServerFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     gmscServerFunction. When automatic instance naming is used, the choice of name bindings is left
     as a local matter.";
```

5.4.31   csMgwFunction - managedElement

```
csMgwFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        csMgwFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        csMgwFunctionId;
    BEHAVIOUR
        csMgwFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 31};

csMgwFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls a
     csMgwFunction. When automatic instance naming is used, the choice of name bindings is left as
     a local matter.";
```

Annex A (informative): List of assigned Object Identifiers

This annex provides a list with all Object Identifiers (OIDs) that have been assigned in TS 32.634 in Release 5. These OIDs should not be assigned to new objects.

Basic Object Name	Name and OID of the current TS Version	Name and OIDs of previous TS Versions
Managed Object Classes		
smlcFunction	Name: smlcFunction OID : ts32-634ObjectClass 1	--
gmlcFunction	Name: gmlcFunction OID : ts32-634ObjectClass 2	--
scfFunction	Name: scfFunction OID : ts32-634ObjectClass 3	--
srfFunction	Name: srfFunction OID : ts32-634ObjectClass 4	--
cbcFunction	Name: cbcFunction OID : ts32-634ObjectClass 5	--
cgfFunction	Name: cgfFunction OID : ts32-634ObjectClass 6	--
mgwFunction	--	Name: mgwFunction OID : ts32-634ObjectClass 7
imsMgwFunction	Name: imsMgwFunction OID : ts32-634ObjectClass 70503	--
gmscFunction	Name: gmscFunction OID : ts32-634ObjectClass 8	--
iwfFunction	Name: iwfFunction OID : ts32-634ObjectClass 9	--
mnpSrfFunction	Name: mnpSrfFunction OID : ts32-634ObjectClass 10	--
npdbFunction	Name: npdbFunction OID : ts32-634ObjectClass 11	--
rSgwFunction	Name: rSgwFunction OID : ts32-634ObjectClass 12	--
ssfFunction	Name: ssfFunction OID : ts32-634ObjectClass 13	--
bsFunction	Name: bsFunction OID : ts32-634ObjectClass 14	--
aucFunction	Name: aucFunction OID : ts32-634ObjectClass 15	--
bgFunction	Name: bgFunction OID : ts32-634ObjectClass 16	--
eirFunction	Name: eirFunction OID : ts32-634ObjectClass 17	--
ggsnFunction	Name: ggsnFunction OID : ts32-634ObjectClass 18	--
hlrFunction	Name: hlrFunction OID : ts32-634ObjectClass 19	--
mscFunction	Name: mscFunction OID : ts32-634ObjectClass 20	--
sgsnFunction	Name: sgsnFunction OID : ts32-634ObjectClass 21	--
smsGmscFunction	Name: smsGmscFunction OID : ts32-634ObjectClass 22	--
smsIwmscFunction	Name: smsIwmscFunction OID : ts32-634ObjectClass 23	--
vlrFunction	Name: vlrFunction OID : ts32-634ObjectClass 24	--
gbLink	Name: gbLink OID : ts32-634ObjectClass 25	--
aLink	Name: aLink OID : ts32-634ObjectClass 26	--

iucsLink	Name: iucsLink OID : ts32-634ObjectClass 27	--
iupsLink	Name: iupsLink OID : ts32-634ObjectClass 28	--
iubcLink	Name: iubcLink OID : ts32-634ObjectClass 29	--
csMgwFunction	Name: csMgwFunction OID : ts32-634ObjectClass 30	--
gmscServerFunction	Name: gmscServerFunction OID : ts32-634ObjectClass 31	--
Packages		
smlcFunctionBasicPackage	Name: smlcFunctionBasicPackage OID : ts32-634Package 1	--
gmlcFunctionBasicPackage	Name: gmlcFunctionBasicPackage OID : ts32-634Package 2	--
scfFunctionBasicPackage	Name: scfFunctionBasicPackage OID : ts32-634Package 3	--
srfFunctionBasicPackage	Name: srfFunctionBasicPackage OID : ts32-634Package 4	--
cbcFunctionBasicPackage	Name: cbcFunctionBasicPackage OID : ts32-634Package 5	--
cgfFunctionBasicPackage	Name: cgfFunctionBasicPackage OID : ts32-634Package 6	--
mgwFunctionBasicPackage	--	Name: mgwFunctionBasicPackage OID : ts32-634Package 7
imsMgwFunctionBasicPackage	Name: imsMgwFunctionBasicPackage OID : ts32-634Package 70503	--
gmscFunctionBasicPackage	Name: gmscFunctionBasicPackage OID : ts32-634Package 8	--
iwfFunctionBasicPackage	Name: iwfFunctionBasicPackage OID : ts32-634Package 9	--
mnpSrfFunctionBasicPackage	Name: mnpSrfFunctionBasicPackage OID : ts32-634Package 10	--
npdbFunctionBasicPackage	Name: npdbFunctionBasicPackage OID : ts32-634Package 11	--
rSgwFunctionBasicPackage	Name: rSgwFunctionBasicPackage OID : ts32-634Package 12	--
ssfFunctionBasicPackage	Name: ssfFunctionBasicPackage OID : ts32-634Package 13	--
bsFunctionBasicPackage	Name: bsFunctionBasicPackage OID : ts32-634Package 14	--
aucFunctionBasicPackage	Name: aucFunctionBasicPackage OID : ts32-634Package 15	--
bgFunctionBasicPackage	Name: bgFunctionBasicPackage OID : ts32-634Package 16	--
eirFunctionBasicPackage	Name: eirFunctionBasicPackage OID : ts32-634Package 17	--
ggsnFunctionBasicPackage	Name: ggsnFunctionBasicPackage OID : ts32-634Package 18	--
hlrFunctionBasicPackage	Name: hlrFunctionBasicPackage OID : ts32-634Package 19	--
mscServerFunctionBasicPackage	Name: mscServerFunctionBasicPackage OID : ts32-634Package 20	--
mscServerFunctionAssociationPackage	Name: mscServerFunctionAssociationPackage OID : ts32-634Package 21	--
sgsnFunctionBasicPackage	Name: sgsnFunctionBasicPackage OID : ts32-634Package 22	--
sgsnFunctionAssociationPackage	Name: sgsnFunctionAssociationPackage OID : ts32-634Package 23	--
smsGmscFunctionBasicPackage	Name: smsGmscFunctionBasicPackage OID : ts32-634Package 24	--
smsIwmscFunctionBasicPackage	Name: smsIwmscFunctionBasicPackage OID : ts32-634Package 25	--
vlrFunctionBasicPackage	Name: vlrFunctionBasicPackage OID : ts32-634Package 26	--

gbLinkBasicPackage	Name: gbLinkBasicPackage OID : ts32-634Package 27	--
gbLinkAssociationPackage	Name: gbLinkAssociationPackage OID : ts32-634Package 28	--
aLinkBasicPackage	Name: aLinkBasicPackage OID : ts32-634Package 29	--
aLinkAssociationPackage	Name: aLinkAssociationPackage OID : ts32-634Package 30	--
iucsLinkBasicPackage	Name: iucsLinkBasicPackage OID : ts32-634Package 31	--
iucsLinkAssociationPackage	Name: iucsLinkAssociationPackage OID : ts32-634Package 32	--
iupsLinkBasicPackage	Name: iupsLinkBasicPackage OID : ts32-634Package 33	--
iupsLinkAssociationPackage	Name: iupsLinkAssociationPackage OID : ts32-634Package 34	--
iubcLinkBasicPackage	Name: iubcLinkBasicPackage OID : ts32-634Package 35	--
iubcLinkAssociationPackage	Name: iubcLinkAssociationPackage OID : ts32-634Package 36	--
csMgwFunctionBasicPackage	Name: csMgwFunctionBasicPackage OID : ts32-634Package 37	--
csMgwFunctionAssociationPackage	Name: csMgwFunctionAssociationPackage OID : ts32-634Package 38	--
gmscServerFunctionBasicPackage	Name: gmscServerFunctionBasicPackage OID : ts32-634Package 39	--
Actions		
Notifications		
Attributes		
smlcFunctionId	Name: smlcFunctionId OID : ts32-634Attribute 1	--
gmlcFunctionId	Name: gmlcFunctionId OID : ts32-634Attribute 2	--
scfFunctionId	Name: scfFunctionId OID : -634Attribute 3	--
srfFunctionId	Name: srfFunctionId OID : ts32-634Attribute 4	--
cbcFunctionId	Name: cbcFunctionId OID : ts32-634Attribute 5	--
cgfFunctionId	Name: cgfFunctionId OID : ts32-634Attribute 6	--
mgwFunctionId	--	Name: mgwFunctionId OID : ts32-634Attribute 7
imsMgwFunctionId	Name: imsMgwFunctionId OID : ts32-634Attribute 70503	--
gmscFunctionId	Name: gmscFunctionId OID : ts32-634Attribute 8	--
iwfFunctionId	Name: iwfFunctionId OID : ts32-634Attribute 9	--
mnpSrfFunctionId	Name: mnpSrfFunctionId OID : ts32-634Attribute 10	--
npdbFunctionId	Name: npdbFunctionId OID : ts32-634Attribute 11	--
rSgwFunctionId	Name: rSgwFunctionId OID : ts32-634Attribute 12	--
ssfFunctionId	Name: ssfFunctionId OID : ts32-634Attribute 13	--
bsFunctionId	Name: bsFunctionId OID : ts32-634Attribute 14	--
aucFunctionId	Name: aucFunctionId OID : ts32-634Attribute 15	--
bgFunctionId	Name: bgFunctionId OID : ts32-634Attribute 16	--
eirFunctionId	Name: eirFunctionId OID : ts32-634Attribute 17	--

ggsnFunctionId	Name: ggsnFunctionId OID : ts32-634Attribute 18	--
hlrFunctionId	Name: hlrFunctionId OID : ts32-634Attribute 19	--
mscServerFunctionId	Name: mscServerFunctionId OID : ts32-634Attribute 20	--
vlrFunctionId	Name: vlrFunctionId OID : ts32-634Attribute 21	--
sgsnFunctionId	Name: sgsnFunctionId OID : ts32-634Attribute 22	--
smsGmscFunctionId	Name: smsGmscFunctionId OID : ts32-634Attribute 23	--
smsIwmscFunctionId	Name: smsIwmscFunctionId OID : ts32-634Attribute 24	--
gbLinkId	Name: gbLinkId OID : ts32-634Attribute 25	--
aLinkId	Name: aLinkId OID : ts32-634Attribute 26	--
iucsLinkId	Name: iucsLinkId OID : ts32-634Attribute 27	--
iupsLinkId	Name: iupsLinkId OID : ts32-634Attribute 28	--
iubcLinkId	Name: iubcLinkId OID : ts32-634Attribute 29	--
csMgwFunctionId	Name: csMgwFunctionId OID : ts32-634Attribute 30	--
gmscServerFunctionId	Name: gmscServerFunctionId OID : ts32-634Attribute 31	--
mccList	Name: mccList OID : ts32-634Attribute 32	--
mncList	Name: mncList OID : ts32-634Attribute 33	--
lacList	Name: lacList OID : ts32-634Attribute 34	--
sacList	Name: sacList OID : ts32-634Attribute 35	--
uraList	--	Name: uraList OID : ts32-634Attribute 36
gcaList	Name: gcaList OID : ts32-634Attribute 37	--
mscId	Name: mscId OID : ts32-634Attribute 38	--
mscServerFunction-GSMcell	Name: mscServerFunction-GSMcell OID : ts32-634Attribute 39	--
mscServerFunction-ExternalGSMcell	Name: mscServerFunction-ExternalGSMcell OID : ts32-634Attribute 40	--
mscServerFunction-CsMgwFunction	Name: mscServerFunction-CsMgwFunction OID : ts32-634Attribute 41	--
racList	Name: racList OID : ts32-634Attribute 42	--
sgsnId	Name: sgsnId OID : -634Attribute 43	--
sgsnFunction-GSMcell	Name: sgsnFunction-GSMcell OID : ts32-634Attribute 44	--
sgsnFunction-ExternalGSMcell	Name: sgsnFunction-ExternalGSMcell OID : ts32-634Attribute 45	--
connectedBss	Name: connectedBss OID : ts32-634Attribute 46	--
connectedRnc	Name: connectedRnc OID : ts32-634Attribute 47	--
csMgwFunction-MscServerFunction	Name: csMgwFunction-MscServerFunction OID : ts32-634Attribute 48	--
csMgwFunction-IucsLink	Name: csMgwFunction-IucsLink OID : ts32-634Attribute 49	--
csMgwFunction-Alink	Name: csMgwFunction-Alink OID : ts32-634Attribute 50	--
Parameters		

	Name Bindings	
smlcFunction-managedElement	Name: smlcFunction-managedElement OID : ts32-634NameBinding 1	--
gmlcFunction-managedElement	Name: gmlcFunction-managedElement OID : ts32-634NameBinding 2	--
scfFunction-managedElement	Name: scfFunction-managedElement OID : ts32-634NameBinding 3	--
srfFunction-managedElement	Name: srfFunction-managedElement OID : ts32-634NameBinding 4	--
cbcFunction-managedElement	Name: cbcFunction-managedElement OID : ts32-634NameBinding 5	--
cgfFunction-managedElement	Name: cgfFunction-managedElement OID : ts32-634NameBinding 6	--
mgwFunction-managedElement	--	Name: mgwFunction-managedElement OID : ts32-634NameBinding 7
imsMgwFunction-managedElement	Name: imsMgwFunction-managedElement OID : ts32-634NameBinding 70503	--
gmscFunction-managedElement	Name: gmscFunction-managedElement OID : ts32-634NameBinding 8	--
iwfFunction-managedElement	Name: iwfFunction-managedElement OID : ts32-634NameBinding 9	--
mnpSrfFunction-managedElement	Name: mnpSrfFunction-managedElement OID : ts32-634NameBinding 10	--
npdbFunction-managedElement	Name: npdbFunction-managedElement OID : ts32-634NameBinding 11	--
rSgwFunction-managedElement	Name: rSgwFunction-managedElement OID : ts32-634NameBinding 12	--
ssfFunction-managedElement	Name: ssfFunction-managedElement OID : ts32-634NameBinding 13	--
bsFunction-managedElement	Name: bsFunction-managedElement OID : ts32-634NameBinding 14	--
aucFunction-managedElement	Name: aucFunction-managedElement OID : ts32-634NameBinding 15	--
bgFunction-managedElement	Name: bgFunction-managedElement OID : ts32-634NameBinding 16	--
eirFunction-managedElement	Name: eirFunction-managedElement OID : ts32-634NameBinding 17	--
ggsnFunction-managedElement	Name: ggsnFunction-managedElement OID : ts32-634NameBinding 18	--
hlrFunction-managedElement	Name: hlrFunction-managedElement OID : ts32-634NameBinding 19	--
mscServerFunction-managedElement	Name: mscServerFunction-managedElement OID : ts32-634NameBinding 20	--
vlrFunction-managedElement	Name: vlrFunction-managedElement OID : ts32-634NameBinding 21	--
sgsnFunction-managedElement	Name: sgsnFunction-managedElement OID : ts32-634NameBinding 22	--
smsGmscFunction-managedElement	Name: smsGmscFunction-managedElement OID : ts32-634NameBinding 23	--
smsIwmscFunction-managedElement	Name: smsIwmscFunction-managedElement OID : ts32-634NameBinding 24	--
gbLink-managedElement	Name: gbLink-managedElement OID : ts32-634NameBinding 25	--
aLink-managedElement	Name: aLink-managedElement OID : ts32-634NameBinding 26	--
iucsLink-managedElement	Name: iucsLink-managedElement OID : ts32-634NameBinding 27	--
iupsLink-managedElement	Name: iupsLink-managedElement OID : ts32-634NameBinding 28	--
iubcLink-managedElement	Name: iubcLink-managedElement OID : ts32-634NameBinding 29	--
gmscServerFunction-managedElement	Name: gmscServerFunction-managedElement OID : ts32-634NameBinding 30	--

csMgwFunction-managedElement	Name: csMgwFunction-managedElement OID : ts32-634NameBinding 31	--

Annex BA (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Jun 2001	S_12	SP-010283	--	--	Approved at TSG SA #12 and placed under Change Control	2.0.0	4.0.0
Sep 2001	S_13	SP-010478	001	--	Correction due to TS renumbering	4.0.0	4.1.0
Sep 2002	--	--	--	--	Cosmetics/Styles	4.1.0	4.1.1
Dec 2002	S_18	SP-020749	002	--	Alignment of the CMIP SS with the Rel-5 version of the IS in 32.632	4.1.1	5.0.0
Dec 2003	S_22	SP-030642	003	--	Add notifications to functional objects - Align with 32.632 (IS)	5.0.0	5.1.0
Mar 2004	S_23	SP-040130	004	--	Removal of the attribute uraList from the MOC MscServerFunction ñ Alignment with the IS 32.632	5.1.0	5.2.0

End of Change in Clause 5, 6, Annex A, Annex B

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.635** CR **007** | ⌘**rev** | **-** | ⌘ | Current version: | **5.3.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network ☐   Core Network **X**

Title:	⌘	Correction of modelling of Media GateWay (MGW)
Source:	⌘	**SA5** (john.power@ericsson.com)
Work item code: ⌘		OAM-NIM **Date:** ⌘ 20/08/2004

Category:	⌘	**F**	**Release:** ⌘ Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
2   *(GSM Phase 2)*
R96   *(Release 1996)*
R97   *(Release 1997)*
R98   *(Release 1998)*
R99   *(Release 1999)*
Rel-4   *(Release 4)*
Rel-5   *(Release 5)*
Rel-6   *(Release 6)*

Reason for change:	⌘	MGW is incorrectly modelled in Rel-5
Summary of change: ⌘		Rename MgwFunction to ImsMgwFunction. Introduce CsMgwFunction.
Consequences if not approved:	⌘	It will not be possible to manage the full functionality of MGW in the core network.

Clauses affected:	⌘	3.2, Annex A

	Y	**N**	
Other specs affected: ⌘		**X**	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments:	⌘	Parent CR 32.632 in S5-048734

How to create CRs using this form:

3.2 Abbreviations

Annex A (normative):
Configuration data file NRM-specific XML schema
(file name "`coreNrm.xsd`")

The following XML schema `coreNrm.xsd` is the NRM-specific schema for the Core Network Resources IRP NRM
defined in 3GPP TS 32.632 [1]:

```xml
<?xml version="1.0" encoding="UTF-8"?>

<!--
  3GPP TS 32.635 Core Network Resources IRP
  Bulk CM Configuration data file NRM-specific XML schema
  coreNrm.xsd
-->

<schema
  targetNamespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.635#coreNrm"
  elementFormDefault="qualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  xmlns:cn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.635#coreNrm"
>

  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  />

  <!-- Core Network Resources IRP NRM class associated XML elements -->

  <element
    name="MscFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
```

```
        name="HlrFunction"
        substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
    >
        <complexType>
          <complexContent>
            <extension base="xn:NrmClass">
              <sequence>
                <element name="attributes" minOccurs="0">
                  <complexType>
                    <all>
                      <element name="userLabel" minOccurs="0"/>
                    </all>
                  </complexType>
                </element>
                <choice minOccurs="0" maxOccurs="unbounded">
                  <element ref="xn:VsDataContainer"/>
                </choice>
              </sequence>
            </extension>
          </complexContent>
        </complexType>
    </element>

    <element
        name="VlrFunction"
        substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
    >
        <complexType>
          <complexContent>
            <extension base="xn:NrmClass">
              <sequence>
                <element name="attributes" minOccurs="0">
                  <complexType>
                    <all>
                      <element name="userLabel" minOccurs="0"/>
                    </all>
                  </complexType>
                </element>
                <choice minOccurs="0" maxOccurs="unbounded">
                  <element ref="xn:VsDataContainer"/>
                </choice>
              </sequence>
            </extension>
          </complexContent>
        </complexType>
    </element>

    <element
        name="AucFunction"
        substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
    >
        <complexType>
          <complexContent>
            <extension base="xn:NrmClass">
              <sequence>
                <element name="attributes" minOccurs="0">
                  <complexType>
                    <all>
                      <element name="userLabel" minOccurs="0"/>
                    </all>
                  </complexType>
                </element>
                <choice minOccurs="0" maxOccurs="unbounded">
                  <element ref="xn:VsDataContainer"/>
                </choice>
              </sequence>
            </extension>
```

```xml
        </complexContent>
      </complexType>
  </element>

  <element
    name="EirFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="SmsIwmscFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="SmsGmscFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
```

```xml
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="GmscFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="SgsnFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="GgsnFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
```

```
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
</element>

<element
  name="BgFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="SmlcFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="GmlcFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
```

```xml
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="ScfFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>

  <element
    name="SrfFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>
```

```
<element
  name="CbcFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="CgfFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="ImsMgwFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
```

```
        </extension>
      </complexContent>
    </complexType>
</element>

<element
  name="GmscServerFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="IwfFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="MnpSrfFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
```

```
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="NpdbFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="SgwFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="SsfFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
```

```
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="BsFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>


  <element
    name="CsMgwFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
            <element name="attributes" minOccurs="0">
              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                  <element name=" csMgwFunctionMscServerFunction "
minOccurs="0"/>
                  <element name=" csMgwFunctionIucsLink " minOccurs="0"/>
                  <element name=" csMgwFunctionALink " minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
```

```
      </complexType>
    </element>

</schema>
```

End of Change in Clause 6.5
End of Document

Annex C (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Jun 2004	S_24	SP-040259	004	--	Removal of XML schema URI dependencies	5.2.0	5.3.0
Jun 2004	S_24	SP-040258	005	--	Correction of the annex related to XML schema electronic files publication	5.2.0	5.3.0