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Technical Specification

Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Telecommunication management;
Configuration Management (CM);
Core network resources Integration Reference Point (IRP):
Common Management Information Protocol (CMIP)
Solution Set (SS)
(3GPP TS 32.634 version 5.3.0 Release 5)

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Foreword

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Contents

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

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Introduction

The present document is part of the 32.63x-series covering the 3rd Generation Partnership Project Technical Specification Group Services and System Aspects, Telecommunication management; Configuration Management (CM); as identified below:

32.631:   "Core network resources Integration Reference Point (IRP): Requirements";

32.632:   "Core network resources Integration Reference Point (IRP): Network Resource Model (NRM)";

32.633:   "Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)";

32.634:   "Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)".

32.635:   "Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition".

A 3G network is composed of a multitude of different network elements (NE). For a successful operation of the network the operator must be provided with mechanisms allowing him to manage the network. These management activities can be grouped into several areas: configuration management, fault management, performance management, and accounting management and security management.

The present document is part of a set of technical specifications defining the telecommunication management (TM) of 3G systems. The TM principles are described in 3GPP TS 32.101 [1]. The TM architecture is described in 3GPP TS 32.102 [2]. The other specifications define the interface (Itf-N) between the managing system (manager), which is in general the network manager (NM) and the managed system (agent), which is either an element manager (EM) or the managed NE itself. The Itf-N is composed of a number of integration reference points (IRPs) defining the information in the agent that is visible for the manager, the operations that the manager may perform on this information and the notifications that are sent from the agent to the manager. One of these IRPs is the Core Network Resources IRP.

Each IRP is specified by five TS: Requirements, IS, CORBA SS, CMIP SS and the XML file format definition.

1 Scope

The present document specifies the Common Management Information Protocol (CMIP) Solution Set (SS) for the CN Network Resource Integration Reference Point (IRP): Network Resource Model defined in 3GPP TS 32.632 [4]. In detail:

- Clause 4 contains an introduction to some concepts that are the base for some specific aspects of the CMIP interfaces.

- Clause 5 contains the GDMO definitions for the Alarm Management over the CMIP interfaces

- Clause 6 contains the ASN.1 definitions supporting the GDMO definitions provided in clause 5.

This Solution Set specification is related to 3GPP TS 32.632 V5.6.X [4].

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1]   3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".

[2]   3GPP TS 32.102: "Telecommunication management; Architecture".

[3]   Void.

[4]   3GPP TS 32.632: "Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)".

[5]   ITU-T Recommendation X.710 (1991): "Common Management Information Service Definition for CCITT Applications".

[6]   ITU-T Recommendation X.721 (02/92): "Information Technology - Open Systems Interconnection – Structure of Management Information: Definition of Management Information".

[7]   ITU-T Recommendation X.730 (01/92): "Information Technology - Open Systems Interconnection – Systems Management: Object Management Function".

[8]   ITU-T Recommendation X.733 (02/92): "Information Technology - Open Systems Interconnection - Alarm Reporting Function".

[9]   ITU-T Recommendation M.3100 (07/95): "Maintenance Telecommunications Management Network – Generic Network Information Model".

[10]   3GPP TS 32.600: "Telecommunication management; Configuration Management (CM); Concept and high-level requirements".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TS 32.600 [10] and 3GPP TS 32.632 [4] apply.

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

4 Basic aspects

4.1 Architectural Aspects

A technology independent CN network resource model is defined in 3GPP TS 32.632 [4] for 3G networks. This document provides an implementation of this CN network resource model by using CMIP technology.

4.2 Mapping

The semantic of the CN Network Resource Model is defined in 3GPP TS 32.632 [4]. The specification of the information object classes defined there is independent of any implementation technology and protocol.
This clause maps these technology and protocol independent definitions onto the equivalencies of the CMIP Solution Set of the UTRAN Network Resource IRP.

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	cgfFunction
CsMgwFunction	csMgwFunction
ImsMgwFunction	ImsMgwFunction
GmscFunction	gmscFunction
IwfFunction	iwfFunction
MnpSrfFunction	mnpSrfFunction
NpdbFunction	npdbFunction
RSgwFunction	rSgwFunction
SsfFunction	ssfFunction
BsFunction	bsFunction

4.2.2 Mapping of Information Object Class Attributes

4.2.2.1 Attribute Mapping of the IOC *MscServerFunction*

Table 2: Attribute mapping of the IOC *MscServerFunction*

IS Attribute	CMIP SS Attributes	Support Qualifier	Read Qualifier	Write Qualifier
mscServerFunctionId	mscServerFunctionId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M
mccList	mccList	M	M	M
mncList	mncList	M	M	M
lacList	lacList	M	M	M
sacList	sacList	M	M	M
gcaList	gcaList	M	M	M
mscId	mscId	M	M	M
mscServerFunction-GSMcell	mscServerFunction-GSMcell	M	M	--
mscServerFunction-ExternalGSMcell	mscServerFunction-ExternalGSMcell	M	M	--
mscServerFunction-CsMgwFunction	mscServerFunction-CsMgwFunction	M	M	--

4.2.2.2 Attribute Mapping of the IOC *HlrFunction*

Table 3: Attribute mapping of the IOC *HlrFunction*

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

4.2.2.3 Attribute Mapping of the IOC *VlrFunction*

Table 4: Attribute mapping of the IOC *VlrFunction*

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

4.2.2.4 Attribute Mapping of the IOC *AucFunction*

Table 5: Attribute mapping of the IOC *AucFunction*

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

4.2.2.5 Attribute Mapping of the IOC *EirFunction*

Table 6: Attribute mapping of the IOC *EirFunction*

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

4.2.2.6 Attribute Mapping of the IOC *SmsIwmscFunction*

Table 7: Attribute mapping of the IOC *SmsIwmscFunction*

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

4.2.2.7 Attribute Mapping of the IOC *SmsGmscFunction*

Table 8: Attribute mapping of the IOC *SmsGmscFunction*

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

4.2.2.8 Attribute Mapping of the IOC *SgsnFunction*

Table 9: Attribute mapping of the IOC *SgsnFunction*

IS Attribute	CMIP SS Attribute	Support Qualifier	Read Qualifier	Write Qualifier
sgsnFunctionId	sgsnFunctionId	M	M	--
UserLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M
mccList	mccList	M	M	M
mncList	mncList	M	M	M
lacList	lacList	M	M	M
racList	racList	M	M	M
sacList	sacList	M	M	M
sgsnId	sgsnId	M	M	M
sgsnFunction-GSMCell	sgsnFunction-GSMCell	M	M	--
sgsnFunction-ExternalGSMCell	sgsnFunction-ExternalGSMCell	M	M	--

4.2.2.9 Attribute Mapping of the IOC *GgsnFunction*

Table 10 Attribute mapping of the IOC *GgsnFunction*

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

4.2.2.10 Attribute Mapping of the IOC *BgFunction*

Table 11 Attribute mapping of the IOC *BgFunction*

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

4.2.2.11 Attribute Mapping of the IOC *GmscFunction*

Table 12: Attribute mapping of the IOC *GmscFunction*

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

4.2.2.12 Attribute Mapping of the IOC *SmlcFunction*

Table 13: Attribute mapping of the IOC *SmlcFunction*

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

4.2.2.13 Attribute Mapping of the IOC *GmlcFunction*

Table 14: Attribute mapping of the IOC *GmlcFunction*

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

4.2.2.14 Attribute Mapping of the IOC *ScfFunction*

Table 15: Attribute mapping of the IOC *ScfFunction*

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

4.2.2.15 Attribute Mapping of the IOC *SrfFunction*

Table 16: Attribute mapping of the IOC *SrfFunction*

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

4.2.2.16 Attribute Mapping of the IOC *CbcFunction*

Table 17: Attribute mapping of the IOC *CbcFunction*

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

4.2.2.17 Attribute Mapping of the IOC *CgfFunction*

Table 18: Attribute mapping of the IOC *CgfFunction*

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

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
imsMgwFunctionId	imsMgwFunctionId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M

4.2.2.19 Attribute Mapping of the IOC *GmscServerFunction*

Table 20: Attribute mapping of the IOC *GmscServerFunction*

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

4.2.2.20 Attribute Mapping of the IOC *IwfFunction*

Table 21: Attribute mapping of the IOC *IwfFunction*

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

4.2.2.21 Attribute Mapping of the IOC *MnpSrfFunction*

Table 22: Attribute mapping of the IOC *MnpSrfFunction*

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

4.2.2.22 Attribute Mapping of the IOC *NpdbFunction*

Table 23: Attribute mapping of the IOC *NpdbFunction*

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

4.2.2.23 Attribute Mapping of the IOC *SgwFunction*

Table 24: Attribute mapping of the IOC *SgwFunction*

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

4.2.2.24 Attribute Mapping of the IOC *SsfFunction*

Table 25: Attribute mapping of the IOC *SsfFunction*

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

4.2.2.25 Attribute Mapping of the IOC *BsFunction*

Table 26: Attribute mapping of the IOC *BsFunction*

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

4.2.2.26 Attribute Mapping of the IOC *IucsLink*

Table 27: Attribute mapping of the IOC *IucsLink*

IS Attribute	CMIP SS Attribute	Support Qualifier	Read Qualifier	Write Qualifier
iucsLinkId	iucsLinkId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M
connectedRnc	connectedRnc	M	M	--
connectedBss	connectedBss	M	M	--

4.2.2.27 Attribute Mapping of the IOC *IupsLink*

Table 28: Attribute mapping of the IOC *IupsLink*

IS Attribute	CMIP SS Attribute	Support Qualifier	Read Qualifier	Write Qualifier
iupsLinkId	iupsLinkId	M	M	--
userLabel	userLabel(ITU-T Rec. M.3100 [9])	M	M	M
connectedRnc	connectedRnc	O	M	--
connectedBss	connectedBss	O	M	--

4.2.2.28 Attribute Mapping of the IOC *IubcLink*

Table 29: Attribute mapping of the IOC *IubcLink*

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

4.2.2.29 Attribute Mapping of the IOC *ALink*

Table 30: Attribute mapping of the IOC *ALink*

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

4.2.2.30 Attribute Mapping of the IOC *GbLink*

Table 31: Attribute mapping of the IOC *GbLink*

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

4.2.2.31 Attribute Mapping of the IOC *CsMgwFunction*

Table 32: Attribute mapping of the IOC *CsMgwFunction*

IS Attribute	CMIP SS Attribute	Support Qualifier	Read Qualifier	Write Qualifier
csMgwFunctionId	CsmgwFunctionId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M
csMgwFunction- mscServerFunction	csMgwFunction- mscServerFunction	M	M	--
csMgwFunction- iucsLink	csMgwFunction- iucsLink	M	M	--
csMgwFunction- ALink	csMgwFunction- ALink	ETSI	M	--

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

5 GDMO Definitions

5.1 Information Object Classes (IOCs)

5.1.1 smlcFunction

```
smlcFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624": managedFunction;
    CHARACTERIZED BY
        smlcFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        gmlcFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        scfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
```

```
        srfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        cbcFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        cgfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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   imsMgwFunction

```
imsMgwFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624": managedFunction;
    CHARACTERIZED BY
        imsMgwFunctionBasicPackage,
        "3GPP TS 32.111-4": 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 70503};
```

5.1.8   gmscFunction

```
gmscFunction MANAGED OBJECT CLASS
```

```
    DERIVED FROM
        "3GPP TS 32.624": managedFunction;
    CHARACTERIZED BY
        gmscFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        iwfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        mnpSrfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        npdbFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        rSgwFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        ssfFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        bsFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        aucFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        bgFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        eirFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        ggsnFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        hlrFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        mscServerFunctionBasicPackage,
        mscServerFunctionAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        sgsnFunctionBasicPackage,
        sgsnFunctionAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        smsGmscFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        smsIwmscFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        vlrFunctionBasicPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        gbLinkBasicPackage,
        gbLinkAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        aLinkBasicPackage,
        aLinkAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        iucsLinkBasicPackage,
        iucsLinkAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        iupsLinkBasicPackage,
        iupsLinkAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        iubcLinkBasicPackage,
        iubcLinkAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        csMgwFunctionBasicPackage,
        csMgwFunctionAssociationPackage,
        "3GPP TS 32.111-4": 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": managedFunction;
    CHARACTERIZED BY
        gmscServerFunctionBasicPackage,
        "3GPP TS 32.111-4": 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   imsMgwFunctionBasicPackage

```
imsMgwFunctionBasicPackage PACKAGE
   BEHAVIOUR
      imsMgwFunctionBasicPackageBehaviour;
   ATTRIBUTES
      imsMgwFunctionId      GET;
REGISTERED AS {ts32-634Package 70503};
```

```
imsMgwFunctionBasicPackageBehaviour 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   imsMgwFunctionId

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

imsMgwFunctionIdBehaviour BEHAVIOUR
DEFINED AS
   "This attribute identifies an imsMgwFunction 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": 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": 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": 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": 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": 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": 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   imsMgwFunction - managedElement

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

```
    imsMgwFunction;
 NAMED BY SUPERIOR OBJECT CLASS
    "3GPP TS 32.624": managedElement;
 WITH ATTRIBUTE
    imsMgwFunctionId;
 BEHAVIOUR
    imsMgwFunction-managedElementBehaviour;
 CREATE
    WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
 DELETE
    ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 70503};
```

```
imsMgwFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
    "The name binding represents a relationship in which a managedElement contains and controls an
     mimsMgwFunction. 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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": 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.";
```

6   ASN.1 Definitions

```
TS32-634TypeModule {ccitt (0) identified-organization (4) etsi (0) mobileDomain (0) umts-Operation-
Maintenance (3) ts32-634 (634) informationModel (0) asn1Module (2) version1 (1)}

DEFINITIONS IMPLICIT TAGS ::=

BEGIN

--EXPORTS everything


IMPORTS

GeneralObjectId, GeneralObjectPointer
   FROM TS32-624TypeModule {ccitt(0) identified-organization(4) etsi(0) mobileDomain(0)
   umts-Operation-Maintenance(3) ts32-624(624) informationModel(0) asn1Module(2) version1(1)}
```

```
MobileCountryCode, MobileNetworkCode, LocationAreaCode
    FROM GSM1220TypeModule {ccitt(0) identified-organization(4) etsi(0) mobileDomain(0)
    gsm-Operation-Maintenance(3) gsm-12-20(20) informationModel(0) asn1Module(2)
    asn1TypeModule(0)};



-- 3GPP TS 32.634 related Object Identifiers

baseNodeUMTS           OBJECT IDENTIFIER ::= {itu-t(0) identified-organization(4) etsi(0)
                                              mobileDomain(0) umts-Operation-Maintenance(3)}

ts32-634               OBJECT IDENTIFIER ::= {baseNodeUMTS ts32-634(634)}
ts32-634InfoModel      OBJECT IDENTIFIER ::= {ts32-634 informationModel(0)}

ts32-634ObjectClass    OBJECT IDENTIFIER ::= {ts32-634InfoModel managedObjectClass(3)}
ts32-634Package        OBJECT IDENTIFIER ::= {ts32-634InfoModel package(4)}
ts32-634Parameter      OBJECT IDENTIFIER ::= {ts32-634InfoModel parameter(5)}
ts32-634NameBinding    OBJECT IDENTIFIER ::= {ts32-634InfoModel nameBinding(6)}
ts32-634Attribute      OBJECT IDENTIFIER ::= {ts32-634InfoModel attribute(7)}
ts32-634Action         OBJECT IDENTIFIER ::= {ts32-634InfoModel action(9)}
ts32-634Notification   OBJECT IDENTIFIER ::= {ts32-634InfoModel notification(10)}


-- Start of 3GPP SA5 own definitions

MccList ::= SET OF MobileCountryCode

MncList ::= SET OF MobileNetworkCode

LacList ::= SET OF LocationAreaCode


Rac ::= INTEGER

RacList ::= SET OF Rac

Sac ::= INTEGER

SacList ::= SET OF Sac

Cga ::= INTEGER

CgaList ::= SET OF Cga

END -- of TS32-634TypeModule
```

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 shall 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	--

ETSI

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 B (informative): Change history

<table>
<tr><th colspan="8">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>Sep 2001</td><td>S_13</td><td>SP-010478</td><td>001</td><td>--</td><td>Correction due to TS renumbering</td><td>4.0.0</td><td>4.1.0</td></tr>
<tr><td>Sep 2002</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Cosmetics/Styles</td><td>4.1.0</td><td>4.1.1</td></tr>
<tr><td>Dec 2002</td><td>S_18</td><td>SP-020749</td><td>002</td><td>--</td><td>Alignment of the CMIP SS with the Rel-5 version of the IS in 32.632</td><td>4.1.1</td><td>5.0.0</td></tr>
<tr><td>Dec 2003</td><td>S_22</td><td>SP-030642</td><td>003</td><td>--</td><td>Add notifications to functional objects - Align with 32.632 (IS)</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Mar 2004</td><td>S_23</td><td>SP-040130</td><td>004</td><td>--</td><td>Removal of the attribute uraList from the MOC MscServerFunction – Alignment with the IS 32.632</td><td>5.1.0</td><td>5.2.0</td></tr>
<tr><td>Sep 2004</td><td>S_25</td><td>SP-040582</td><td>005</td><td>--</td><td>Correction of modelling of Media GateWay (MGW)</td><td>5.2.0</td><td>5.3.0</td></tr>
<tr><td>Sep 2004</td><td>S_25</td><td>SP-040591</td><td>006</td><td>--</td><td>Removal of the 3GPP Release# cross references in the GDMO section</td><td>5.2.0</td><td>5.3.0</td></tr>
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History

Document history		
V5.0.0	December 2002	Publication
V5.1.0	December 2003	Publication
V5.2.0	March 2004	Publication
V5.3.0	September 2004	Publication