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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): CMIP solution set (3GPP TS 32.634 version 5.0.0 Release 5)

GLOBAL SYSTEM FOR
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Foreword

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Contents

Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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Introduction

The present document is 32.634 of the 32.630-series covering the 3rd Generation Partnership Project Technical Specification Group Services and System Aspects, as identified below:

32.631: "3G Configuration Management; Core Network Resources IRP: Requirements";

32.632: "3G Configuration Management; Core Network Resources IRP: Network Resource Model";

32.633: "3G Configuration Management: Core Network Resources IRP: CORBA Solution Set";

32.634: "3G Configuration Management: CN Network Resources IRP: CMIP Solution Set".

A third generation telecommunication network is composed of a multitude of different network elements (NE). For a successful operation of the network the operator must be provided with mechnisms 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 four TS, the requirements part, the information service (IS) part, the CORBA solution set (SS) and the CMIP solution set (SS).

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. 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 specifiation is related to 3GPP TS 32.632 V5.0.X.

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: "3G Telecom Management principles and high level requirements".

[2]   3GPP TS 32.102: "3G Telecom Management architecture".

[3]   3GPP TS 32.304: "Telecommunication Management; Notification Management; Part 4: Notification Integration Reference Point; CMIP Solution Set".

[4]   3GPP TS 32.632: "Telecommunication Management; Configuration Management: CN Network Resource Integration Reference Point: Network Resource Model".

[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".

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 and 3GPP TS 32.632 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 Electro-technical Commission
ISO	International Standards Organization
ITU-T	International Telecommunication Union, Telecommunication Sector
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 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. The specification of the information object classes defined there is independent of any implementation technology and protocol.
This subclause 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 2 maps the information object classes defined in the CN Network Resource Model onto the equivalent IOCs of the CMIP Solution Set.

Table 1: Mapping of IOCs

IS IOC	CMIP SS MOC
AucFunction	aucFunction
ALink	aLink
IucsLink	iucsLink
IupsLink	iupsLink
IubcLink	iubcLink
BgFunction	bgFunction
EirFunction	eirFunction
GbLink	gbLink
GgsnFunction	ggsnFunction
GmscFunction	gmscFunction
HlrFunction	hlrFunction
MscServerFunction	mscServerFunction
GmscServerFunction	gmscServerFunction
SgsnFunction	sgsnFunction
SmsGmscFunction	smsGmscFunction
SmsIwmscFunction	smsIwmscFunction
VlrFunction	vlrFunction
SmlcFunction	smlcFunction
GmlcFunction	gmlcFunction
ScfFunction	scfFunction
SrfFunction	srfFunction
CbcFunction	cbcFunction
CgfFunction	cqfFunction
CsMgwFunction	csMgwFunction
MgwFunction	mgwFunction
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	Qualifier
mscServerFunctionId	mscServerFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
mccList	mccList	Read-Write, M
mncList	mncList	Read-Write, M
lacList	lacList	Read-Write, M
sacList	sacList	Read-Write, M
uraList	uraList	Read-Write, M
gcaList	gcaList	Read-Write, M
mscId	mscId	Read-Write, M
mscServerFunction-GSMcell	mscServerFunction-GSMcell	Read-Only, M
mscServerFunction-ExternalGSMcell	mscServerFunction-ExternalGSMcell	Read-Only, M
mscServerFunction-CsMgwFunction	mscServerFunction-CsMgwFunction	Read-Only, M

4.2.2.2 Attribute Mapping of the IOC *HlrFunction*

Table 3: Attribute mapping of the IOC *HlrFunction*

IS Attribute	CMIP SS Attribute	Qualifier
hlrFunctionId	hlrFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.3 Attribute Mapping of the IOC *VlrFunction*

Table 4: Attribute mapping of the IOC *VlrFunction*

IS Attribute	CMIP SS Attribute	Qualifier
vlrFunctionId	vlrFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.4 Attribute Mapping of the IOC *AucFunction*

Table 5: Attribute mapping of the IOC *AucFunction*

IS Attribute	CMIP SS Attribute	Qualifier
aucFunctionId	aucFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.5 Attribute Mapping of the IOC *EirFunction*

Table 6: Attribute mapping of the IOC *EirFunction*

IS Attribute	CMIP SS Attribute	Qualifier
eirFunctionId	eirFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.6 Attribute Mapping of the IOC *SmsIwmscFunction*

Table 7: Attribute mapping of the IOC *SmsIwmscFunction*

IS Attribute	CMIP SS Attribute	Qualifier
smsIwmscFunctionId	smsIwmscFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.7 Attribute Mapping of the IOC *SmsGmscFunction*

Table 8: Attribute mapping of the IOC *SmsGmscFunction*

IS Attribute	CMIP SS Attribute	Qualifier
smsGmscFunctionId	smsGmscFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.8 Attribute Mapping of the IOC *SgsnFunction*

Table 9: Attribute mapping of the IOC *SgsnFunction*

IS Attribute	CMIP SS Attribute	Qualifier
sgsnFunctionId	sgsnFunctionId	Read-Only, M
UserLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
mccList	mccList	Read-Write, M
mncList	mncList	Read-Write, M
lacList	lacList	Read-Write, M
racList	racList	Read-Write, M
sacList	sacList	Read-Write, M
sgsnId	sgsnId	Read-Write, M
sgsnFunction-GSMCell	sgsnFunction-GSMCell	Read-Only, M
sgsnFunction-ExternalGSMCell	sgsnFunction-ExternalGSMCell	Read-Only, M

4.2.2.9 Attribute Mapping of the IOC *GgsnFunction*

Table 10 Attribute mapping of the IOC *GgsnFunction*

IS Attribute	CMIP SS Attribute	Qualifier
ggsnFunctionId	ggsnFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.10 Attribute Mapping of the IOC *BgFunction*

Table 11 Attribute mapping of the IOC *BgFunction*

IS Attribute	CMIP SS Attribute	Qualifier
bgFunctionId	bgFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.11 Attribute Mapping of the IOC *GmscFunction*

Table 12: Attribute mapping of the IOC *GmscFunction*

IS Attribute	CMIP SS Attribute	Qualifier
gmscFunctionId	gmscFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.12 Attribute Mapping of the IOC *SmlcFunction*

Table 13: Attribute mapping of the IOC *SmlcFunction*

IS Attribute	CMIP SS Attribute	Qualifier
smlcFunctionId	smlcFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.13 Attribute Mapping of the IOC *GmlcFunction*

Table 14: Attribute mapping of the IOC *GmlcFunction*

IS Attribute	CMIP SS Attribute	Qualifier
gmlcFunctionId	gmlcFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.14 Attribute Mapping of the IOC *ScfFunction*

Table 15: Attribute mapping of the IOC *ScfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
scfFunctionId	scfFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.15 Attribute Mapping of the IOC *SrfFunction*

Table 16: Attribute mapping of the IOC *SrfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
srfFunctionId	srfFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.16 Attribute Mapping of the IOC *CbcFunction*

Table 17: Attribute mapping of the IOC *CbcFunction*

IS Attribute	CMIP SS Attribute	Qualifier
cbcFunctionId	cbcFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.17 Attribute Mapping of the IOC *CgfFunction*

Table 18: Attribute mapping of the IOC *CgfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
cgfFunctionId	cgfFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.18 Attribute Mapping of the IOC *MgwFunction*

Table 19: Attribute mapping of the IOC *MgwFunction*

IS Attribute	CMIP SS Attribute	Qualifier
mgwFunctionId	mgwFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.19 Attribute Mapping of the IOC *GmscServerFunction*

Table 20: Attribute mapping of the IOC *GmscServerFunction*

IS Attribute	CMIP SS Attribute	Qualifier
gmscServerFunctionId	gmscServerFunctionId	Read-Only, M
userLabel	userLabel(ITU-T M.3100 1995)	Read-Write, M

4.2.2.20 Attribute Mapping of the IOC *IwfFunction*

Table 21: Attribute mapping of the IOC *IwfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
iwfFunctionId	iwfFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.21 Attribute Mapping of the IOC *MnpSrfFunction*

Table 22: Attribute mapping of the IOC *MnpSrfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
mnpSrfFunctionId	mnpSrfFunctionId	Read-Only, M
userLabel	userLabel(ITU-T M.3100 1995)	Read-Write, M

4.2.2.22 Attribute Mapping of the IOC *NpdbFunction*

Table 23: Attribute mapping of the IOC *NpdbFunction*

IS Attribute	CMIP SS Attribute	Qualifier
npdbFunctionId	npdbFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.23 Attribute Mapping of the IOC *SgwFunction*

Table 24: Attribute mapping of the IOC *SgwFunction*

IS Attribute	CMIP SS Attribute	Qualifier
sgwFunctionId	sgwFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.24 Attribute Mapping of the IOC *SsfFunction*

Table 25: Attribute mapping of the IOC *SsfFunction*

IS Attribute	CMIP SS Attribute	Qualifier
ssfFunctionId	ssfFunctionId	Read-Only, M
userLabel	UserLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.25 Attribute Mapping of the IOC *BsFunction*

Table 26: Attribute mapping of the IOC *BsFunction*

IS Attribute	CMIP SS Attribute	Qualifier
bsFunctionId	bsFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M

4.2.2.26 Attribute Mapping of the IOC *IucsLink*

Table 27: Attribute mapping of the IOC *IucsLink*

IS Attribute	CMIP SS Attribute	Qualifier
iucsLinkId	iucsLinkId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
connectedRnc	connectedRnc	Read-Only, M
connectedBss	connectedBss	Read-Only, M

4.2.2.27 Attribute Mapping of the IOC *IupsLink*

Table 28: Attribute mapping of the IOC *IupsLink*

IS Attribute	CMIP SS Attribute	Qualifier
iupsLinkId	iupsLinkId	Read-Only, M
userLabel	userLabel(ITU-T M.3100 1995)	Read-Write, M
connectedRnc	connectedRnc	Read-Only, O
connectedBss	connectedBss	Read-Only, O

4.2.2.28 Attribute Mapping of the IOC *IubcLink*

Table 29: Attribute mapping of the IOC *IubcLink*

IS Attribute	CMIP SS Attribute	Qualifier
iubcLinkId	iubcLinkId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
connectedRnc	connectedRnc	Read-Only, M

4.2.2.29 Attribute Mapping of the IOC *ALink*

Table 30: Attribute mapping of the IOC IOC *ALink*

IS Attribute	CMIP SS Attribute	Qualifier
aLinkId	aLinkId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
connectedBss	connectedBss	Read-Only, M

4.2.2.30 Attribute Mapping of the IOC *GbLink*

Table 31: Attribute mapping of the IOC *GbLink*

IS Attribute	CMIP SS Attribute	Qualifier
gbLinkId	gbLinkId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
connectedBss	connectedBss	Read-Only, M

4.2.2.31 Attribute Mapping of the IOC *CsMgwFunction*

Table 32: Attribute mapping of the IOC *CsMgwFunction*

IS Attribute	CMIP SS Attribute	Qualifier
csMgwFunctionId	CsmgwFunctionId	Read-Only, M
userLabel	userLabel (ITU-T M.3100 1995)	Read-Write, M
csMgwFunction- mscServerFunction	csMgwFunction- mscServerFunction	Read-Only, M
csMgwFunction- iucsLink	csMgwFunction- iucsLink	Read-Only, M
csMgwFunction- ALink	csMgwFunction- ALink	Read-Only, M

5　　GDMO Definitions

5.1　　Information Object Classes

5.1.1　　smlcFunction

smlcFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　smlcFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 1};

5.1.2　　gmlcFunction

gmlcFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　gmlcFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 2};

5.1.3　　scfFunction

scfFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　scfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 3};

5.1.4　　srfFunction

srfFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　scfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 4};

5.1.5　　cbcFunction

cbcFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　cbcFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 5};

5.1.6　　cgfFunction

cgfFunction **MANAGED OBJECT CLASS**
　　　　DERIVED FROM
　　　　　　"3GPP TS 32.624 Release 5": managedFunction;
　　　　CHARACTERIZED BY
　　　　　　cgfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 6};

5.1.7   mgwFunction

mgwFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                mgwFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 7};

5.1.8   gmscFunction

gmscFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
    gmscFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 8};

5.1.9   iwfFunction

iwfFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                iwfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 9};

5.1.10   mnpSrfFunction

mnpSrfFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                mnpSrfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 10};

5.1.11   npdbFunction

npdbFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                npdbFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 11};

5.1.12   rSgwFunction

rSgwFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                rSgwFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 12};

5.1.13   ssfFunction

ssfFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                ssfFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 13};

5.1.14   bsFunction

bsFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             bsFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 14};

5.1.15   aucFunction

aucFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             aucFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 15};

5.1.16   bgFunction

bgFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             bgFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 16};

5.1.17   eirFunction

eirFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             eirFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 17};

5.1.18   ggsnFunction

ggsnFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             ggsnFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 18};

5.1.19   hlrFunction

hlrFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY
             hlrFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 19};

5.1.20   mscServerFunction

mscFunction **MANAGED OBJECT CLASS**
        DERIVED FROM
             "3GPP TS 32.624 Release 5": managedFunction;
        CHARACTERIZED BY

```
                              mscServerFunctionBasicPackage,
                              mscServerFunctionAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 20};
```

5.1.21   sgsnFunction

```
sgsnFunction MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5": managedFunction;
               CHARACTERIZED BY
                     sgsnFunctionBasicPackage,
                     sgsnFunctionAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 21};
```

5.1.22   smsGmscFunction

```
smsGmscFunction MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5":   managedFunction;
               CHARACTERIZED BY
                     smsGmscFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 22};
```

5.1.23   smsIwmscFunction

```
smsIwmscFunction MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5": managedFunction;
               CHARACTERIZED BY
                     smsIwmscFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 23};
```

5.1.24   vlrFunction

```
vlrFunction MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5": managedFunction;
               CHARACTERIZED BY
                     vlrFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 24};
```

5.1.25   gbLink

```
gbLink MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5": managedFunction;
               CHARACTERIZED BY
                     gbLinkBasicPackage,
                     gbLinkAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 25};
```

5.1.26   aLink

```
aLink MANAGED OBJECT CLASS
               DERIVED FROM
                     "3GPP TS 32.624 Release 5": managedFunction;
               CHARACTERIZED BY
                     aLinkBasicPackage,
                     aLinkAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 26};
```

5.1.27   iucsLink

iucsLink **MANAGED OBJECT CLASS**
            DERIVED FROM
                    "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                    iucsLinkBasicPackage,
                    iucsLinkAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 27};

5.1.28   iupsLink

iupsLink **MANAGED OBJECT CLASS**
            DERIVED FROM
                    "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                    iupsLinkBasicPackage,
                    iupsLinkAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 28};

5.1.29   iubcLink

iubcLink **MANAGED OBJECT CLASS**
            DERIVED FROM
                    "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                    iubcLinkBasicPackage,
                    iubcLinkAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 29};

5.1.30   csMgwFunction

csMgwFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                    "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                    csMgwFunctionBasicPackage,
                    csMgwFunctionAssociationPackage;
REGISTERED AS {ts32-634ObjectClass 30};

5.1.31   GmscServerFunction

gmscServerFunction **MANAGED OBJECT CLASS**
            DERIVED FROM
                    "3GPP TS 32.624 Release 5": managedFunction;
            CHARACTERIZED BY
                    gmscServerFunctionBasicPackage;
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 mgwFunctionBasicPackage

```
mgwFunctionBasicPackage PACKAGE
                BEHAVIOUR
                        mgwFunctionBasicPackageBehaviour;
                ATTRIBUTES
                        mgwFunctionId  GET;
REGISTERED AS {ts32-634Package 7};
```

```
mgwFunctionBasicPackageBehaviour BEHAVIOUR
                DEFINED AS
        "The 'MgwFunction' Information Object represents the MGW functionality. For more information about the
        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,
              uraList   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   mgwFunctionId

mgwFunctionId **ATTRIBUTE**
                WITH ATTRIBUTE SYNTAX
                        TS32-634TypeModule.GeneralObjectId;
                MATCHES FOR EQUALITY;
                BEHAVIOUR
                        mgwFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 7};

mgwFunctionIdBehaviour **BEHAVIOUR**
                DEFINED AS
        "This attribute identifies a mgwFunction 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

uraList **ATTRIBUTE**
                  WITH ATTRIBUTE SYNTAX
                          TS32-634TypeModule.UraList;
                  MATCHES FOR EQUALITY;
                  BEHAVIOUR
                          uraListBehaviour;
REGISTERED AS {ts32-634Attribute 36};

uraListBehaviour **BEHAVIOUR**
                  DEFINED AS
      "List of UTRAN Registration Areas covered by MSC (Ref. 3 GPP TS 23.003).";

5.3.37   gcaList

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

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

5.3.38   mscId

mscId **ATTRIBUTE**
                  WITH ATTRIBUTE SYNTAX
                          TS32-634TypeModule. GeneralObjectId;
                  MATCHES FOR EQUALITY;
                  BEHAVIOUR
                          mscIdBehaviour;

REGISTERED AS {ts32-634Attribute 38};

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

5.3.39 mscServerFunction-GSMcell

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

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

5.3.40 mscServerFunction-ExternalGSMcell

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

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

5.3.41 mscServerFunction-CsMgwFunction

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

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

5.3.42 racList

racList **ATTRIBUTE**
                WITH ATTRIBUTE SYNTAX
                        TS32-634TypeModule.RacList;
                MATCHES FOR EQUALITY;
                BEHAVIOUR

           racListBehaviour;
REGISTERED AS {ts32-634Attribute 42};

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

5.3.43   sgsnId

sgsnId **ATTRIBUTE**
           WITH ATTRIBUTE SYNTAX
                TS32-634TypeModule.GeneralObjectId;
           MATCHES FOR EQUALITY;
           BEHAVIOUR
                sgsnIdBehaviour;
REGISTERED AS {ts32-634Attribute 43};

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

5.3.44   sgsnFunction-GSMcell

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

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

5.3.45   sgsnFunction-ExternalGSMcell

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

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

5.3.46   connectedBss

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

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

5.3.47 connectedRnc

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

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

5.3.48 csMgwFunction-MscServerFunction

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

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

5.3.49 csMgwFunction-IucsLink

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

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

5.3.50 csMgwFunction-ALink

csMgwFunction-ALink **ATTRIBUTE**
    WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectPointer;
    MATCHES FOR EQUALITY;

> **BEHAVIOUR**
>> csMgwFunction-AlinkBehaviour;
REGISTERED AS {ts32-634Attribute 50};

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

5.4 Name Binding

5.4.1 smlcFunction - managedElement

smlcFunction-managedElement **NAME BINDING**
> **SUBORDINATE OBJECT CLASS**
>> smlcFunction;
> **NAMED BY SUPERIOR OBJECT CLASS**
>> "3GPP TS 32.624 Release 5": managedElement;
> **WITH ATTRIBUTE**
>> smlcFunctionId;
> **BEHAVIOUR**
>> smlcFunction-managedElementBehaviour;
> **CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING**;
> **DELETE ONLY-IF-NO-CONTAINED-OBJECTS**;
REGISTERED AS {ts32-634NameBinding 1};

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

5.4.2 gmlcFunction - managedElement

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

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

5.4.3 scfFunction - managedElement

scfFunction-managedElement **NAME BINDING**
> **SUBORDINATE OBJECT CLASS**
>> scfFunction;
> **NAMED BY SUPERIOR OBJECT CLASS**
>> "3GPP TS 32.624 Release 5": managedElement;
> **WITH ATTRIBUTE**
>> scfFunctionId;
> **BEHAVIOUR**

> > scfFunction-managedElementBehaviour;
> > **CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING**;
> > **DELETE ONLY-IF-NO-CONTAINED-OBJECTS**;
> **REGISTERED AS** {ts32-634NameBinding 3};

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

5.4.4 srfFunction - managedElement

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

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

5.4.5 cbcFunction - managedElement

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

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

5.4.6 cgfFunction - managedElement

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

        DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 6};

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

5.4.7   mgwFunction - managedElement

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

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

5.4.8   gmscFunction - managedElement

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

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

5.4.9   iwfFunction - managedElement

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

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

5.4.10   mnpSrfFunction - managedElement

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

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

5.4.11   npdbFunction - managedElement

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

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

5.4.12   rSgwFunction - managedElement

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

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

5.4.13   ssfFunction - managedElement

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

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

5.4.14   bsFunction - managedElement

bsFunction-managedElement **NAME BINDING**
                SUBORDINATE OBJECT CLASS
                        bsFunction;
                NAMED BY SUPERIOR OBJECT CLASS
                        "3GPP TS 32.624 Release 5": managedElement;
                WITH ATTRIBUTE
                        bsFunctionId;
                BEHAVIOUR
                        bsFunction-managedElementBehaviour;
                CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
                DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 14};

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

5.4.15   aucFunction - managedElement

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

aucFunction-managedElementBehaviour **BEHAVIOUR**
                DEFINED AS

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

5.4.16   bgFunction - managedElement

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

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

5.4.17   eirFunction - managedElement

eirFunction-managedElement **NAME BINDING**
      SUBORDINATE OBJECT CLASS
         eirFunction;
      NAMED BY SUPERIOR OBJECT CLASS
         "3GPP TS 32.624 Release 5": managedElement;
      WITH ATTRIBUTE
         eirFunctionId;
      BEHAVIOUR
         eirFunction-managedElementBehaviour;
      CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
      DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 17};

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

5.4.18   ggsnFunction - managedElement

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

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

5.4.19   hlrFunction - managedElement

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

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

5.4.20   mscServerFunction - managedElement

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

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

5.4.21   vlrFunction - managedElement

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

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

5.4.22   sgsnFunction - managedElement

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

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

5.4.23   smsGmscFunction - managedElement

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

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

5.4.24   smsIwmscFunction - managedElement

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

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

5.4.25   gbLink - managedElement

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

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

5.4.26   aLink - managedElement

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

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

5.4.27   iucsLink - managedElement

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

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

5.4.28   iupsLink - managedElement

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

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

5.4.29   iubcLink - managedElement

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

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

5.4.30   gmscServerFunction - managedElement

gmscServerFunction-managedElement **NAME BINDING**
        SUBORDINATE OBJECT CLASS
           gmscServerFunction;
        NAMED BY SUPERIOR OBJECT CLASS
           "3GPP TS 32.624 Release 5": managedElement;
        WITH ATTRIBUTE
           gmscServerFunctionId;
        BEHAVIOUR
           gmscServerFunction-managedElementBehaviour;
        CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
        DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 30};

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

5.4.31   csMgwFunction - managedElement

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

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

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

Ura ::= INTEGER

UraList ::= SET OF Ura

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):
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></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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History

Document history		
V5.0.0	December 2002	Publication