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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Telecommunication management;
Configuration Management (CM);
Core network resources Integration Reference Point (IRP):
Common Management Information Protocol (CMIP)
solution set
(3GPP TS 32.634 version 5.2.0 Release 5)**



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Foreword

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

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Introduction

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

- 32.631: "Core network resources Integration Reference Point (IRP): Requirements";
- 32.632: "Core network resources Integration Reference Point (IRP): Network Resource Model (NRM)";
- 32.633: "Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)";
- 32.634: "Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)".**
- 32.635: "Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition".

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

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

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

1 Scope

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

- Clause 4 contains an introduction to some concepts that are the base for some specific aspects of the CMIP interfaces.
- Clause 5 contains the GDMO definitions for the Alarm Management over the CMIP interfaces
- Clause 6 contains the ASN.1 definitions supporting the GDMO definitions provided in clause 5.

This Solution Set specification is related to 3GPP TS 32.632 V5.5.X [4].

2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".
- [2] 3GPP TS 32.102: "Telecommunication management; Architecture".
- [3] Void.
- [4] 3GPP TS 32.632: "Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)".
- [5] ITU-T Recommendation X.710 (1991): "Common Management Information Service Definition for CCITT Applications".
- [6] ITU-T Recommendation X.721 (02/92): "Information Technology - Open Systems Interconnection – Structure of Management Information: Definition of Management Information".
- [7] ITU-T Recommendation X.730 (01/92): "Information Technology - Open Systems Interconnection – Systems Management: Object Management Function".
- [8] ITU-T Recommendation X.733 (02/92): "Information Technology - Open Systems Interconnection - Alarm Reporting Function".
- [9] ITU-T Recommendation M.3100 (07/95): "Maintenance Telecommunications Management Network – Generic Network Information Model".
- [10] 3GPP TS 32.600: "Telecommunication management; Configuration Management (CM); Concept and high-level requirements".

3 Definitions, symbols and abbreviations

3.1 Definitions

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

3.2 Abbreviations

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

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

4 Basic aspects

4.1 Architectural Aspects

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

4.2 Mapping

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

4.2.1 Mapping of Information Object Classes

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

Table 1: Mapping of IOCs

IS IOC	CMIP SS MOC
AucFunction	aucFunction
ALink	aLink
IucsLink	iucsLink
IupsLink	iupsLink
IubcLink	iubcLink
BgFunction	bgFunction
EirFunction	eirFunction
GbLink	gbLink
GgsnFunction	ggsnFunction
GmscFunction	gmscFunction
HlrFunction	hlrFunction
MscServerFunction	mscServerFunction
GmscServerFunction	gmscServerFunction
SgsnFunction	sgsnFunction
SmsGmscFunction	smsGmscFunction
SmsIwmscFunction	smsIwmscFunction
VlrFunction	vlrFunction
SmlcFunction	smlcFunction
GmlcFunction	gmlcFunction
ScfFunction	scfFunction
SrfFunction	srfFunction
CbcFunction	cbcFunction
CgffFunction	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	Support Qualifier	Read Qualifier	Write Qualifier
mscServerFunctionId	mscServerFunctionId	M	M	--
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M	M	M
mccList	mccList	M	M	M
mncList	mncList	M	M	M
lacList	lacList	M	M	M
sacList	sacList	M	M	M
gcaList	gcaList	M	M	M
mscld	mscld	M	M	M
mscServerFunction-GSMcell	mscServerFunction-GSMcell	M	M	--
mscServerFunction-ExternalGSMcell	mscServerFunction-ExternalGSMcell	M	M	--
mscServerFunction-CsMgwFunction	mscServerFunction-CsMgwFunction	M	M	--

4.2.2.2 Attribute Mapping of the IOC *HlrFunction*Table 3: Attribute mapping of the IOC *HlrFunction*

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

4.2.2.3 Attribute Mapping of the IOC *VirFunction*Table 4: Attribute mapping of the IOC *VirFunction*

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

4.2.2.4 Attribute Mapping of the IOC *AucFunction*Table 5: Attribute mapping of the IOC *AucFunction*

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

4.2.2.5 Attribute Mapping of the IOC *EirFunction*Table 6: Attribute mapping of the IOC *EirFunction*

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

4.2.2.6 Attribute Mapping of the IOC *SmslwmscFunction*Table 7: Attribute mapping of the IOC *SmslwmscFunction*

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

4.2.2.7 Attribute Mapping of the IOC *SmsGmscFunction*Table 8: Attribute mapping of the IOC *SmsGmscFunction*

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

4.2.2.8 Attribute Mapping of the IOC *SgsnFunction*Table 9: Attribute mapping of the IOC *SgsnFunction*

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

4.2.2.9 Attribute Mapping of the IOC *GgsnFunction*Table 10 Attribute mapping of the IOC *GgsnFunction*

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

4.2.2.10 Attribute Mapping of the IOC *BgFunction*Table 11 Attribute mapping of the IOC *BgFunction*

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

4.2.2.11 Attribute Mapping of the IOC *GmscFunction*Table 12: Attribute mapping of the IOC *GmscFunction*

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

4.2.2.12 Attribute Mapping of the IOC *SmlcFunction*Table 13: Attribute mapping of the IOC *SmlcFunction*

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

4.2.2.13 Attribute Mapping of the IOC *GmlcFunction*Table 14: Attribute mapping of the IOC *GmlcFunction*

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

4.2.2.14 Attribute Mapping of the IOC *ScfFunction*Table 15: Attribute mapping of the IOC *ScfFunction*

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

4.2.2.15 Attribute Mapping of the IOC *SrfFunction*Table 16: Attribute mapping of the IOC *SrfFunction*

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

4.2.2.16 Attribute Mapping of the IOC *CbcFunction*Table 17: Attribute mapping of the IOC *CbcFunction*

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

4.2.2.17 Attribute Mapping of the IOC *CgfFunction***Table 18: Attribute mapping of the IOC *CgfFunction***

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

4.2.2.18 Attribute Mapping of the IOC *MgwFunction***Table 19: Attribute mapping of the IOC *MgwFunction***

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

4.2.2.19 Attribute Mapping of the IOC *GmscServerFunction***Table 20: Attribute mapping of the IOC *GmscServerFunction***

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

4.2.2.20 Attribute Mapping of the IOC *IwfFunction***Table 21: Attribute mapping of the IOC *IwfFunction***

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

4.2.2.21 Attribute Mapping of the IOC *MnpSrfFunction***Table 22: Attribute mapping of the IOC *MnpSrfFunction***

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

4.2.2.22 Attribute Mapping of the IOC *NpdbFunction*Table 23: Attribute mapping of the IOC *NpdbFunction*

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

4.2.2.23 Attribute Mapping of the IOC *SgwFunction*Table 24: Attribute mapping of the IOC *SgwFunction*

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

4.2.2.24 Attribute Mapping of the IOC *SsfFunction*Table 25: Attribute mapping of the IOC *SsfFunction*

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

4.2.2.25 Attribute Mapping of the IOC *BsFunction*Table 26: Attribute mapping of the IOC *BsFunction*

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

4.2.2.26 Attribute Mapping of the IOC *IucsLink*Table 27: Attribute mapping of the IOC *IucsLink*

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

4.2.2.27 Attribute Mapping of the IOC *IupsLink*Table 28: Attribute mapping of the IOC *IupsLink*

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

4.2.2.28 Attribute Mapping of the IOC *IubcLink*Table 29: Attribute mapping of the IOC *IubcLink*

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

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

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

4.2.2.30 Attribute Mapping of the IOC *GbLink*Table 31: Attribute mapping of the IOC *GbLink*

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

4.2.2.31 Attribute Mapping of the IOC *CsMgwFunction*Table 32: Attribute mapping of the IOC *CsMgwFunction*

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

5 GDMO Definitions

5.1 Information Object Classes (IOCs)

5.1.1 smlcFunction

```
smlcFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  smlcFunctionBasicPackage,
  "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
  "Rec. M.3100: 1995":createDeleteNotificationsPackage
    PRESENT IF
      "the objectCreation and the objectDeletion notifications defined in
        ITU-T Rec. X.721 are supported by an instance of this class.",
  "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
    PRESENT IF
      "the attributeValueChange notification defined in ITU-T Rec. X.721
        is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 1};
```

5.1.2 gmlcFunction

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

5.1.3 scfFunction

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

5.1.4 srfFunction

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

```

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

```

5.1.5 cbcFunction

```

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

```

5.1.6 cgfFunction

```

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

```

5.1.7 mgwFunction

```

mgwFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  mgwFunctionBasicPackage,
  "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
"Rec. M.3100: 1995":createDeleteNotificationsPackage
PRESENT IF
  "the objectCreation and the objectDeletion notifications defined in
  ITU-T Rec. X.721 are supported by an instance of this class.",
"Rec. M.3100: 1995":attributeValueChangeNotificationPackage
PRESENT IF
  "the attributeValueChange notification defined in ITU-T Rec. X.721
  is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 7};

```

5.1.8 gmscFunction

```

gmscFunction MANAGED OBJECT CLASS

```

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

REGISTERED AS {ts32-634ObjectClass 8};

5.1.9 iwFunction

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

REGISTERED AS {ts32-634ObjectClass 9};

5.1.10 mnpSrfFunction

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

REGISTERED AS {ts32-634ObjectClass 10};

5.1.11 npdbFunction

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

REGISTERED AS {ts32-634ObjectClass 11};

5.1.12 rSgwFunction

```
rSgwFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  rSgwFunctionBasicPackage,
  "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
  "Rec. M.3100: 1995":createDeleteNotificationsPackage
    PRESENT IF
      "the objectCreation and the objectDeletion notifications defined in
      ITU-T Rec. X.721 are supported by an instance of this class.",
  "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
    PRESENT IF
      "the attributeValueChange notification defined in ITU-T Rec. X.721
      is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 12};
```

5.1.13 ssfFunction

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

5.1.14 bsFunction

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

5.1.15 aucFunction

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

is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 15};

5.1.16 bgFunction

bgFunction **MANAGED OBJECT CLASS**

DERIVED FROM

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

bgFunctionBasicPackage,
"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 16};

5.1.17 eirFunction

eirFunction **MANAGED OBJECT CLASS**

DERIVED FROM

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

eirFunctionBasicPackage,
"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 17};

5.1.18 ggsnFunction

ggsnFunction **MANAGED OBJECT CLASS**

DERIVED FROM

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

ggsnFunctionBasicPackage,
"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 18};

5.1.19 hlrFunction

hlrFunction **MANAGED OBJECT CLASS**

DERIVED FROM

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

hlrFunctionBasicPackage,
"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

```

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage
  PRESENT IF
    "the attributeValueChange notification defined in ITU-T Rec. X.721
    is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 19};

```

5.1.20 mscServerFunction

```

mscFunction MANAGED OBJECT CLASS
  DERIVED FROM
    "3GPP TS 32.624 Release 5": managedFunction;
  CHARACTERIZED BY
    mscServerFunctionBasicPackage,
    mscServerFunctionAssociationPackage,
    "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
  CONDITIONAL PACKAGES
    "Rec. M.3100: 1995":createDeleteNotificationsPackage
      PRESENT IF
        "the objectCreation and the objectDeletion notifications defined in
        ITU-T Rec. X.721 are supported by an instance of this class.",
    "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
      PRESENT IF
        "the attributeValueChange notification defined in ITU-T Rec. X.721
        is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 20};

```

5.1.21 sgsnFunction

```

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

```

5.1.22 smsGmscFunction

```

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

```

5.1.23 smsIwmscFunction

```

smsIwmscFunction MANAGED OBJECT CLASS
  DERIVED FROM
    "3GPP TS 32.624 Release 5": managedFunction;
  CHARACTERIZED BY
    smsIwmscFunctionBasicPackage,
    "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

```

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 23};

5.1.24 vlrFunction

vlrFunction MANAGED OBJECT CLASS**DERIVED FROM**

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

vlrFunctionBasicPackage,

"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 24};

5.1.25 gbLink

gbLink MANAGED OBJECT CLASS**DERIVED FROM**

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

gbLinkBasicPackage,

gbLinkAssociationPackage,

"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 25};

5.1.26 aLink

aLink MANAGED OBJECT CLASS**DERIVED FROM**

"3GPP TS 32.624 Release 5": managedFunction;

CHARACTERIZED BY

aLinkBasicPackage,

aLinkAssociationPackage,

"3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;

CONDITIONAL PACKAGES

"Rec. M.3100: 1995":createDeleteNotificationsPackage

PRESENT IF

"the objectCreation and the objectDeletion notifications defined in ITU-T Rec. X.721 are supported by an instance of this class.",

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

PRESENT IF

"the attributeValueChange notification defined in ITU-T Rec. X.721 is supported by an instance of this class.";

REGISTERED AS {ts32-634ObjectClass 26};

5.1.27 iucsLink

iucsLink MANAGED OBJECT CLASS


```

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

```

5.1.28 iupsLink

```

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

```

5.1.29 iubcLink

```

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

```

5.1.30 csMgwFunction

```

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

```

is supported by an instance of this class."
REGISTERED AS {ts32-634ObjectClass 30};

5.1.31 GmscServerFunction

gmscServerFunction **MANAGED OBJECT CLASS**
DERIVED FROM
 "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
 gmscServerFunctionBasicPackage,
 "3GPP TS 32.111-4 Release 5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
 "Rec. M.3100: 1995":createDeleteNotificationsPackage
PRESENT IF
 "the objectCreation and the objectDeletion notifications defined in
 ITU-T Rec. X.721 are supported by an instance of this class.",
 "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
PRESENT IF
 "the attributeValueChange notification defined in ITU-T Rec. X.721
 is supported by an instance of this class."
REGISTERED AS {ts32-634ObjectClass 31};

5.2 Packages

5.2.1 smlcFunctionBasicPackage

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

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

5.2.2 gmlcFunctionBasicPackage

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

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

5.2.3 scfFunctionBasicPackage

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

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

5.2.4 srfFunctionBasicPackage

srfFunctionBasicPackage **PACKAGE**
BEHAVIOUR

```

    srfFunctionBasicPackageBehaviour;
ATTRIBUTES
    srfFunctionId      GET;
REGISTERED AS {ts32-634Package 4};

```

```

srfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS

```

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

5.2.5 cbcFunctionBasicPackage

```

cbcFunctionBasicPackage PACKAGE
BEHAVIOUR
    cbcFunctionBasicPackageBehaviour;
ATTRIBUTES
    cbcFunctionId      GET;
REGISTERED AS {ts32-634Package 5};

```

```

cbcFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS

```

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

5.2.6 cgfFunctionBasicPackage

```

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

```

```

cgfFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS

```

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

5.2.7 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,
 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 iwFunctionId

iwFunctionId ATTRIBUTE**WITH ATTRIBUTE SYNTAX**

TS32-634TypeModule.GeneralObjectId;

MATCHES FOR

EQUALITY;

BEHAVIOUR

iwFunctionIdBehaviour;

REGISTERED AS {ts32-634Attribute 9};

iwFunctionIdBehaviour BEHAVIOUR**DEFINED AS**

"This attribute identifies a iwFunction 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 smsGsmcFunctionId

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

smsGsmcFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a smsGsmcFunction instance.";
```

5.3.24 smsIwmscFunctionId

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

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

5.3.25 gbLinkId

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

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

5.3.26 aLinkId

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

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

5.3.27 iucsLinkId

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

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

5.3.28 iupsLinkId

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

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

5.3.29 iubcLinkId

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

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

5.3.30 csMgwFunctionId

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

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

5.3.31 gmscServerFunctionId

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

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

5.3.32 mccList

mccList **ATTRIBUTE**
WITH ATTRIBUTE SYNTAX
TS32-634TypeModule.MccList;
MATCHES FOR
EQUALITY;

BEHAVIOUR

mccListBehaviour;

REGISTERED AS {ts32-634Attribute 32};mccListBehaviour **BEHAVIOUR****DEFINED AS**

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

5.3.33 mncList

mncList **ATTRIBUTE****WITH ATTRIBUTE SYNTAX**

TS32-634TypeModule.MncList;

MATCHES FOR

EQUALITY;

BEHAVIOUR

mncListBehaviour;

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

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

5.3.34 lacList

lacList **ATTRIBUTE****WITH ATTRIBUTE SYNTAX**

TS32-634TypeModule.LacList;

MATCHES FOR

EQUALITY;

BEHAVIOUR

lacListBehaviour;

REGISTERED AS {ts32-634Attribute 34};lacListBehaviour **BEHAVIOUR****DEFINED AS**

"List of Location Area Codes covered by SGSN (Ref. 3 GPP TS 23.003).";

5.3.35 sacList

sacList **ATTRIBUTE****WITH ATTRIBUTE SYNTAX**

TS32-634TypeModule.SacList;

MATCHES FOR

EQUALITY;

BEHAVIOUR

sacListBehaviour;

REGISTERED AS {ts32-634Attribute 35};sacListBehaviour **BEHAVIOUR****DEFINED AS**

"List of Service Area Codes covered by SGSN (Ref. 3 GPP TS 23.003).";

5.3.36 uraList

Void.

5.3.37 gcaList

gcaList **ATTRIBUTE****WITH ATTRIBUTE SYNTAX**

TS32-634TypeModule.CgaList;

MATCHES FOR

EQUALITY;

BEHAVIOUR

gcaListBehaviour;

REGISTERED AS {ts32-634Attribute 37};gcaListBehaviour **BEHAVIOUR****DEFINED AS**

"List of Group Call Area (Ref. 3 GPP TS 23.003).";

5.3.38 mscId

```

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

```

```

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

```

5.3.39 mscServerFunction-GSMcell

```

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

```

```

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

```

5.3.40 mscServerFunction-ExternalGSMcell

```

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

```

```

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

```

5.3.41 mscServerFunction-CsMgwFunction

```

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

```

```

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

```

5.3.42 racList

```

racList ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-634TypeModule.RacList;

```

```

MATCHES FOR
  EQUALITY;
BEHAVIOUR
  racListBehaviour;
REGISTERED AS {ts32-634Attribute 42};

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

```

5.3.43 sgsnId

```

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

```

```

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

```

5.3.44 sgsnFunction-GSMcell

```

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

```

```

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

```

5.3.45 sgsnFunction-ExternalGSMcell

```

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

```

```

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

```

5.3.46 connectedBss

```

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

```

```

connectedBssBehaviour BEHAVIOUR
DEFINED AS
  "This value contains the DN of the related BssFunction or ExternalBssFunction instance. This is

```

a reference attribute modelling the role (of the association AssociatedWith) that link is connected to 0-1 BssFunction or 0-1 ExternalBssFunction.";

5.3.47 connectedRnc

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

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

5.3.48 csMgwFunction-MscServerFunction

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

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

5.3.49 csMgwFunction-IucsLink

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

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

5.3.50 csMgwFunction-Alink

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

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

5.4 Name Binding

5.4.1 smlcFunction - managedElement

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

```
smlcFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
```

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

5.4.2 gmlcFunction - managedElement

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

```
gmlcFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
```

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

5.4.3 scfFunction - managedElement

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

```
scfFunction-managedElementBehaviour BEHAVIOUR
DEFINED AS
```

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

5.4.4 srfFunction - managedElement

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

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

5.4.5 cbcFunction - managedElement

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

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

5.4.6 cgfFunction - managedElement

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

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

5.4.7 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
```

```
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

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

History

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