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**Source:** SA5 (Telecom Management)  
**Title:** 2 Rel-5 CR 32.634/44 Configuration Management (CM); Core/UTRAN network resources IRP CMIP Solution Sets  
**Document for:** Approval  
**Agenda Item:** 7.5.3

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Doc-1 <sup>st</sup> -Level	Doc-2 <sup>nd</sup> -Level	Spec	CR	Rev	Phase	Subject	Cat	Ver-Cur	Wi
SP-040591	S5-048759	32.634	006	--	Rel-5	Removal of the 3GPP Release# cross references in the GDMO section	F	5.2.0	OAM-NIM
SP-040591	S5-048714	32.644	014	--	Rel-5	Correction of the types of the attributes cld, localCellId and rnclId	F	5.5.0	OAM-NIM

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

**S5-048759**

CR-Form-v7

# CHANGE REQUEST

⌘ **32.634 CR 006** ⌘ rev **-** ⌘ Current version: **5.2.0** ⌘

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

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

<b>Title:</b>	⌘ Removal of the 3GPP Release# cross references in the GDMO section																				
<b>Source:</b>	⌘ SA5 ( <a href="mailto:olaf.pollakowski@siemens.com">olaf.pollakowski@siemens.com</a> )																				
<b>Work item code:</b>	⌘ OAM-NIM <span style="float: right;"><b>Date:</b> ⌘ 20/08/2004</span>																				
<b>Category:</b>	<table border="0"> <tr> <td>⌘ <b>F</b></td> <td><b>Release:</b> ⌘ Rel-5</td> </tr> <tr> <td colspan="2">Use <u>one</u> of the following categories:</td> </tr> <tr> <td><b>F</b> (correction)</td> <td><b>2</b> (GSM Phase 2)</td> </tr> <tr> <td><b>A</b> (corresponds to a correction in an earlier release)</td> <td><b>R96</b> (Release 1996)</td> </tr> <tr> <td><b>B</b> (addition of feature),</td> <td><b>R97</b> (Release 1997)</td> </tr> <tr> <td><b>C</b> (functional modification of feature)</td> <td><b>R98</b> (Release 1998)</td> </tr> <tr> <td><b>D</b> (editorial modification)</td> <td><b>R99</b> (Release 1999)</td> </tr> <tr> <td>Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a>.</td> <td><b>Rel-4</b> (Release 4)</td> </tr> <tr> <td></td> <td><b>Rel-5</b> (Release 5)</td> </tr> <tr> <td></td> <td><b>Rel-6</b> (Release 6)</td> </tr> </table>	⌘ <b>F</b>	<b>Release:</b> ⌘ Rel-5	Use <u>one</u> of the following categories:		<b>F</b> (correction)	<b>2</b> (GSM Phase 2)	<b>A</b> (corresponds to a correction in an earlier release)	<b>R96</b> (Release 1996)	<b>B</b> (addition of feature),	<b>R97</b> (Release 1997)	<b>C</b> (functional modification of feature)	<b>R98</b> (Release 1998)	<b>D</b> (editorial modification)	<b>R99</b> (Release 1999)	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	<b>Rel-4</b> (Release 4)		<b>Rel-5</b> (Release 5)		<b>Rel-6</b> (Release 6)
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	<b>Rel-5</b> (Release 5)																				
	<b>Rel-6</b> (Release 6)																				

<b>Reason for change:</b>	⌘ The release is mentioned in the specification cross references in the GDMO section. This is not needed, since it shall be possible to combine specifications of different releases.
<b>Summary of change:</b>	⌘ The release is removed in the specification cross references.
<b>Consequences if not approved:</b>	⌘ It is not possible to combine specifications of different releases.

<b>Clauses affected:</b>	⌘ 5												
<b>Other specs affected:</b>	<table border="1"> <tr> <td><b>Y</b></td> <td><b>N</b></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Other core specifications</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Test specifications</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>O&amp;M Specifications</td> </tr> </table>	<b>Y</b>	<b>N</b>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications
<b>Y</b>	<b>N</b>												
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications											
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications											
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications											
<b>Other comments:</b>	⌘												

<b>Change in Clause 5</b>
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## 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 iwfFunction

```

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

```

## 5.1.10 mnpSrfFunction

```

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

```

## 5.1.11 npdbFunction

```

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

```

is supported by an instance of this class.";

```
REGISTERED AS {ts32-634ObjectClass 11};
```

## 5.1.12 rSgwFunction

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

## 5.1.13 ssfFunction

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

## 5.1.14 bsFunction

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

## 5.1.15 aucFunction

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

```

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage
PRESENT IF
  "the attributeValueChange notification defined in ITU-T Rec. X.721
  is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 15};

```

## 5.1.16 bgFunction

```

bgFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624-Release-5": managedFunction;
CHARACTERIZED BY
  bgFunctionBasicPackage,
  "3GPP TS 32.111-4-Release-5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
  "Rec. M.3100: 1995":createDeleteNotificationsPackage
PRESENT IF
  "the objectCreation and the objectDeletion notifications defined in
  ITU-T Rec. X.721 are supported by an instance of this class.",
  "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
PRESENT IF
  "the attributeValueChange notification defined in ITU-T Rec. X.721
  is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 16};

```

## 5.1.17 eirFunction

```

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

```

## 5.1.18 ggsnFunction

```

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

```

## 5.1.19 hlrFunction

```

hlrFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624-Release-5": managedFunction;
CHARACTERIZED BY
  hlrFunctionBasicPackage,
  "3GPP TS 32.111-4-Release-5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
  "Rec. M.3100: 1995":createDeleteNotificationsPackage

```

```

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

```

## 5.1.20 mscServerFunction

```

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

```

## 5.1.21 sgsnFunction

```

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

```

## 5.1.22 smsGmscFunction

```

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

```

## 5.1.23 smsIwmscFunction

```

smsIwmscFunction MANAGED OBJECT CLASS
DERIVED FROM
    "3GPP TS 32.624-Release-5": managedFunction;

```



**CHARACTERIZED BY**

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

**CONDITIONAL PACKAGES**

"Rec. M.3100: 1995":createDeleteNotificationsPackage

**PRESENT IF**

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

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

**PRESENT IF**

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

**REGISTERED AS** {ts32-634ObjectClass 23};

## 5.1.24 vlrFunction

vlrFunction **MANAGED OBJECT CLASS**

**DERIVED FROM**

"3GPP TS 32.624-Release-5": managedFunction;

**CHARACTERIZED BY**

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

**CONDITIONAL PACKAGES**

"Rec. M.3100: 1995":createDeleteNotificationsPackage

**PRESENT IF**

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

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

**PRESENT IF**

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

**REGISTERED AS** {ts32-634ObjectClass 24};

## 5.1.25 gbLink

gbLink **MANAGED OBJECT CLASS**

**DERIVED FROM**

"3GPP TS 32.624-Release-5": managedFunction;

**CHARACTERIZED BY**

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

**CONDITIONAL PACKAGES**

"Rec. M.3100: 1995":createDeleteNotificationsPackage

**PRESENT IF**

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

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

**PRESENT IF**

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

**REGISTERED AS** {ts32-634ObjectClass 25};

## 5.1.26 aLink

aLink **MANAGED OBJECT CLASS**

**DERIVED FROM**

"3GPP TS 32.624-Release-5": managedFunction;

**CHARACTERIZED BY**

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

**CONDITIONAL PACKAGES**

"Rec. M.3100: 1995":createDeleteNotificationsPackage

**PRESENT IF**

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

"Rec. M.3100: 1995":attributeValueChangeNotificationPackage

**PRESENT IF**

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

**REGISTERED AS** {ts32-634ObjectClass 26};

## 5.1.27 iucsLink

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

## 5.1.28 iupsLink

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

## 5.1.29 iubcLink

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

## 5.1.30 csMgwFunction

```
csMgwFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624-Release-5": managedFunction;
CHARACTERIZED BY
  csMgwFunctionBasicPackage,
  csMgwFunctionAssociationPackage,
  "3GPP TS 32.111-4-Release-5": x721AlarmNotificationsPackage;
CONDITIONAL PACKAGES
  "Rec. M.3100: 1995":createDeleteNotificationsPackage
PRESENT IF
  "the objectCreation and the objectDeletion notifications defined in
```

```

        ITU-T Rec. X.721 are supported by an instance of this class.",
        "Rec. M.3100: 1995":attributeValueChangeNotificationPackage
        PRESENT IF
            "the attributeValueChange notification defined in ITU-T Rec. X.721
            is supported by an instance of this class.";
REGISTERED AS {ts32-634ObjectClass 30};

```

### 5.1.31 GmscServerFunction

```

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

```

## 5.2 Packages

### 5.2.1 smlcFunctionBasicPackage

```

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

```

```

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

```

### 5.2.2 gmlcFunctionBasicPackage

```

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

```

```

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

```

### 5.2.3 scfFunctionBasicPackage

```

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

```

```

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

```

## 5.2.4 srfFunctionBasicPackage

srfFunctionBasicPackage **PACKAGE**

**BEHAVIOUR**

srfFunctionBasicPackageBehaviour;

**ATTRIBUTES**

srfFunctionId GET;

**REGISTERED AS** {ts32-634Package 4};

srfFunctionBasicPackageBehaviour **BEHAVIOUR**

**DEFINED AS**

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

## 5.2.5 cbcFunctionBasicPackage

cbcFunctionBasicPackage **PACKAGE**

**BEHAVIOUR**

cbcFunctionBasicPackageBehaviour;

**ATTRIBUTES**

cbcFunctionId GET;

**REGISTERED AS** {ts32-634Package 5};

cbcFunctionBasicPackageBehaviour **BEHAVIOUR**

**DEFINED AS**

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

## 5.2.6 cgfFunctionBasicPackage

cgfFunctionBasicPackage **PACKAGE**

**BEHAVIOUR**

cgfFunctionBasicPackageBehaviour;

**ATTRIBUTES**

cgfFunctionId GET;

**REGISTERED AS** {ts32-634Package 6};

cgfFunctionBasicPackageBehaviour **BEHAVIOUR**

**DEFINED AS**

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

## 5.2.7 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 iwFunctionBasicPackage

**iwFunctionBasicPackage PACKAGE**

**BEHAVIOUR**

iwFunctionBasicPackageBehaviour;

**ATTRIBUTES**

iwFunctionId GET;

**REGISTERED AS** {ts32-634Package 9};

**iwFunctionBasicPackageBehaviour 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 smsGmscFunctionId

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

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

### 5.3.24 smsIwmscFunctionId

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

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

### 5.3.25 gbLinkId

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

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

### 5.3.26 aLinkId

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

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

### 5.3.27 iucsLinkId

```
iucsLinkId ATTRIBUTE
```



```

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

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

```

### 5.3.28 iupsLinkId

```

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

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

```

### 5.3.29 iubcLinkId

```

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

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

```

### 5.3.30 csMgwFunctionId

```

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

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

```

### 5.3.31 gmscServerFunctionId

```

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

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

```

### 5.3.32 mccList

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

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

### 5.3.33 mncList

```
mncList ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-634TypeModule.MncList;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    mncListBehaviour;
REGISTERED AS {ts32-634Attribute 33};

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

### 5.3.34 lacList

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

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

### 5.3.35 sacList

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

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

### 5.3.36 uraList

Void.

### 5.3.37 gcaList

```
gcaList ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-634TypeModule.CgaList;
  MATCHES FOR
```

```

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

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

```

### 5.3.38 mscId

```

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

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

```

### 5.3.39 mscServerFunction-GSMcell

```

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

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

```

### 5.3.40 mscServerFunction-ExternalGSMcell

```

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

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

```

### 5.3.41 mscServerFunction-CsMgwFunction

```

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

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

```

### 5.3.42 racList

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

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

### 5.3.43 sgsnId

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

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

### 5.3.44 sgsnFunction-GSMcell

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

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

### 5.3.45 sgsnFunction-ExternalGSMcell

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

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

### 5.3.46 connectedBss

```
connectedBss ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-634TypeModule.GeneralObjectPointer;
  MATCHES FOR
```

```

    EQUALITY;
    BEHAVIOUR
        connectedBssBehaviour;
    REGISTERED AS {ts32-634Attribute 46};

```

```

connectedBssBehaviour BEHAVIOUR
DEFINED AS

```

```

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

```

### 5.3.47 connectedRnc

```

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

```

```

connectedRncBehaviour BEHAVIOUR
DEFINED AS

```

```

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

```

### 5.3.48 csMgwFunction-MscServerFunction

```

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

```

```

csMgwFunction-MscServerFunctionBehaviour BEHAVIOUR
DEFINED AS

```

```

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

```

### 5.3.49 csMgwFunction-IucsLink

```

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

```

```

csMgwFunction-IucsLinkBehaviour BEHAVIOUR
DEFINED AS

```

```

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

```

### 5.3.50 csMgwFunction-Alink

```

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

```

csMgwFunction-AlinkBehaviour **BEHAVIOUR**

**DEFINED AS**

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

## 5.4 Name Binding

### 5.4.1 smlcFunction - managedElement

smlcFunction-managedElement **NAME BINDING**

**SUBORDINATE OBJECT CLASS**

smlcFunction;

**NAMED BY SUPERIOR OBJECT CLASS**

"3GPP TS 32.624-Release-5": managedElement;

**WITH ATTRIBUTE**

smlcFunctionId;

**BEHAVIOUR**

smlcFunction-managedElementBehaviour;

**CREATE**

WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;

**DELETE**

ONLY-IF-NO-CONTAINED-OBJECTS;

**REGISTERED AS** {ts32-634NameBinding 1};

smlcFunction-managedElementBehaviour **BEHAVIOUR**

**DEFINED AS**

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

### 5.4.2 gmlcFunction - managedElement

gmlcFunction-managedElement **NAME BINDING**

**SUBORDINATE OBJECT CLASS**

gmlcFunction;

**NAMED BY SUPERIOR OBJECT CLASS**

"3GPP TS 32.624-Release-5": managedElement;

**WITH ATTRIBUTE**

gmlcFunctionId;

**BEHAVIOUR**

gmlcFunction-managedElementBehaviour;

**CREATE**

WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;

**DELETE**

ONLY-IF-NO-CONTAINED-OBJECTS;

**REGISTERED AS** {ts32-634NameBinding 2};

gmlcFunction-managedElementBehaviour **BEHAVIOUR**

**DEFINED AS**

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

### 5.4.3 scfFunction - managedElement

scfFunction-managedElement **NAME BINDING**

**SUBORDINATE OBJECT CLASS**

scfFunction;

**NAMED BY SUPERIOR OBJECT CLASS**

"3GPP TS 32.624-Release-5": managedElement;

**WITH ATTRIBUTE**

scfFunctionId;

**BEHAVIOUR**

scfFunction-managedElementBehaviour;

**CREATE**

WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;

**DELETE**

ONLY-IF-NO-CONTAINED-OBJECTS;

**REGISTERED AS** {ts32-634NameBinding 3};

scfFunction-managedElementBehaviour **BEHAVIOUR**

**DEFINED AS**

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

## 5.4.4 srfFunction - managedElement

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

```
srfFunction-managedElementBehaviour BEHAVIOUR
```

**DEFINED AS**

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

## 5.4.5 cbcFunction - managedElement

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

```
cbcFunction-managedElementBehaviour BEHAVIOUR
```

**DEFINED AS**

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

## 5.4.6 cgfFunction - managedElement

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

```
cgfFunction-managedElementBehaviour BEHAVIOUR
```

**DEFINED AS**

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

## 5.4.7 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.";

```

<b>End of Change in Clause 5</b>
----------------------------------

## 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 ñ Alignment with the IS 32.632	5.1.0	5.2.0



# CHANGE REQUEST

⌘ **32.644 CR 014** ⌘ rev - ⌘ Current version: **5.5.0** ⌘

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

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

<b>Title:</b>	⌘ Correction of the types of the attributes cld, localCellId and rncld		
<b>Source:</b>	⌘ SA5 (olaf.pollakowski@siemens.com)		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 20/08/2004
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> of the following releases: <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ The type of the attributes cld, localCellId and rncld has been recently corrected. The new names are cldR55, localCellIdR55 and rncldR55. The MOC ExternalUtranCell still uses the old attributes.
<b>Summary of change:</b>	⌘ A new MOC ExternalUtranCellR0506 is defined that uses the new attributes rncldR55 and cldR55.
<b>Consequences if not approved:</b>	⌘ The IOC UtranCell would still use the old attributes rncld and cld so that the code would not compile.

<b>Clauses affected:</b>	⌘ 4, 5, 6, Annex A, Annex B										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N	⌘	X	⌘	X	⌘	X		
Y	N										
⌘	X										
⌘	X										
⌘	X										
<b>Other comments:</b>	⌘										

## Change in Annex 4, 5, 6, Annex A, Annex B

# 4 Basic aspects

## 4.1 Architectural aspects

A technology independent UTRAN network resource model is defined in 3GPP TS 32.642 [4] for 3G networks. This document provides an implementation of this UTRAN network resource model by using CMIP technology.

## 4.2 Mapping

The semantic of the UTRAN Network Resource Model is defined in 3GPP TS 32.642 [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 defined in the UTRAN Network Resource Model onto the equivalent MOCs of the CMIP Solution Set.

**Table 1: Mapping of IOCs**

IS IOC	CMIP SS MOC
RncFunction	rncFunctionR55
NodeBFunction	nodeBFunction
UtranCell	utranCellR55
IubLink	iubLink
UtranRelation	utranRelation
ExternalUtranCell	externalUtranCell <a href="#">R0506</a>

### 4.2.2 Mapping of Information Object Class Attributes

This clause depicts the mapping of the attributes defined in 3GPP TS 32.642 [4] on the corresponding attributes of the CMIP Solution Set.

#### 4.2.2.1 Attribute Mapping of the IOC *RncFunction*

**Table 2: Attribute mapping of the IOC *RncFunction***

IS Attribute	CMIP SS Attribute	Qualifier
rncFunctionId	rncFunctionId	M
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M
mcc	mcc	M
mnc	mnc	M
rnclId	rnclIdR55	M

#### 4.2.2.2 Attribute Mapping of the IOC *NodeBFunction*

**Table 3: Attribute mapping of the IOC *NodeBFunction***

IS Attribute	CMIP SS Attribute	Qualifier
nodeBFunctionId	nodeBFunctionId	M
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M
nodeBFunction-IubLink	NodeBFunction2IubLink	M

#### 4.2.2.3 Attribute Mapping of the IOC *UtranCell*

**Table 4: Attribute mapping of the IOC *UtranCell***

IS Attribute	CMIP SS Attribute	Qualifier
utranCellId	utranCellId	M
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M
cId	cIdR55	M
localCellId	localCellIdR55	M
uarfcnDI	uarfcnDI	M
uarfcnUI	uarfcnUI	M
primaryScramblingCode	primaryScramblingCode	M
primaryCpichPower	primaryCpichPower	M
maximumTransmissionPower	maximumTransmissionPower	M
primarySchPower	primarySchPower	M
secondarySchPower	secondarySchPower	M
bchPower	bchPower	M
lac	lac	M
rac	rac	M
sac	sac	M
uraList	uraList	M
utranCell-IubLink	utranCell2IubLink	M
operationalState	operationalState	O

#### 4.2.2.4 Attribute Mapping of the IOC *IubLink*

**Table 5: Attribute mapping of the IOC *IubLink***

IS Attribute	CMIP SS Attribute	Qualifier
IubLinkId	IubLinkId	M
userLabel	userLabel (ITU-T Rec. M.3100 [9])	M
IubLink-UtranCell	IubLink2UtranCell	M
IubLink-NodeBFunction	IubLink2NodeBFunction	M

#### 4.2.2.5 Attribute Mapping of the IOC *UtranRelation*

**Table 6: Attribute mapping of the IOC *UtranRelation***

IS Attribute	CMIP SS Attribute	Qualifier
utranRelationId	utranRelationId	M
adjacentCell	adjacentCell	M
uarfcnUI	uarfcnUI	O
uarfcnDI	uarfcnDI	O
primaryScramblingCode	primaryScramblingCode	O
primaryCpichPower	primaryCpichPower	O
lac	lac	O

#### 4.2.2.6 Attribute Mapping of the IOC *ExternalUtranCell*

**Table 7: Attribute mapping of the IOC *ExternalUtranCell***

IS Attribute	CMIP SS Attribute	Qualifier
externalUtranCellId	externalUtranCellId	M
userLabel	userLabel	M
cId	cIdR55	M
mcc	mcc	M
mnc	mnc	M
rnclId	rnclIdR55	M
uarfcnUI	uarfcnUI	M
uarfcnDI	uarfcnDI	M
primaryScramblingCode	primaryScramblingCode	M
primaryCpichPower	primaryCpichPower	M
lac	lac	M
rac	rac	M

#### 4.2.3 Mapping of Name Containments

**Table 8: Mapping of name containments**

<u>IS Name Containment</u>	<u>CMIP SS Name Binding</u>
<a href="#">rncFunction - managedElement</a>	<a href="#">rncFunctionR55-managedElement</a>
<a href="#">nodeBFunction - managedElement</a>	<a href="#">nodeBFunction-managedElement</a>
<a href="#">utranCell - rncFunction</a>	<a href="#">utranCellR55-rncFunctionR55</a>
<a href="#">utranRelation - utranCell</a>	<a href="#">utranRelation-utranCellR55</a>
<a href="#">externalUtranCell - subNetwork</a>	<a href="#">externalUtranCellR0506-subNetwork</a>
<a href="#">iubLink - rncFunction</a>	<a href="#">iubLink-rncFunctionR55</a>
<a href="#">gsmRelation - utranCell</a>	<a href="#">gsmRelation-utranCellR55</a>

## 5 GDMO Definitions

### 5.1 Managed Object Classes

#### 5.1.1 rncFunction

```

rncFunctionR55 MANAGED OBJECT CLASS
DERIVED FROM
"3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
rncFunctionBasicPackage,
rncFunctionHandoverPackageR55,
"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 {ts32-644ObjectClass 8};

```

```

rncFunction MANAGED OBJECT CLASS
—DERIVED FROM
"3GPP TS 32.624 Release 5": managedFunction;
—CHARACTERIZED BY
rncFunctionBasicPackage,
rncFunctionHandoverPackage,
"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 {ts32-644ObjectClass 1};

```

#### 5.1.2 utranCell

```

Void-
utranCellR55 MANAGED OBJECT CLASS
DERIVED FROM
"3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
utranCellBasicPackage,
utranCellHandoverPackageR55,
utranCellAssociationPackage,
"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.",
"3GPP TS 32.674 Release 5": operationalStateAttributePackage
PRESENT IF
"instances of this MOC support the operationalState attribute.";
REGISTERED AS {ts32-644ObjectClass 9};

```

### 5.1.3 utranRelation

```

utranRelation MANAGED OBJECT CLASS
DERIVED FROM
  "Rec. X.721 | ISO/IEC 10165-2 : 1992Recommendation X.721-1992":top;
CHARACTERIZED BY
  utranRelationBasicPackage,
  utranRelationAssociationPackage;
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 {ts32-644ObjectClass 3};

```

### 5.1.4 externalUtranCell

```

externalUtranCellR0506 MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  externalUtranCellPackageR0506;
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 {ts32-644ObjectClass 40506};

```

```

externalUtranCell MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  externalUtranCellPackage;
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 {ts32-644ObjectClass 4};

```

### 5.1.5 iubLink

```

iubLink MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  iubLinkBasicPackage,
  iubLinkAssociationPackage,
  "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 {ts32-644ObjectClass 5};

```

## 5.1.6 nodeBFunction

```
nodeBFunction MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  nodeBFunctionBasicPackage,
  nodeBFunctionAssociationPackage,
  "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 {ts32-6440bjectClass 6};
```

## 5.1.7 ~~utranCellR54~~

```
utranCellR54 MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  utranCellBasicPackage,
  utranCellHandoverPackageR54,
  utranCellAssociationPackage,
  "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.",
  "3GPP TS 32.674 Release 5": operationalStateAttributePackage
PRESENT IF
  "instances of this MOC support the operationalState attribute.";
REGISTERED AS {ts32-6440bjectClass 7};
```

## 5.1.8 ~~rncFunctionR55~~

```
rncFunctionR55 MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  rncFunctionBasicPackage,
  rncFunctionHandoverPackageR55,
  "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 {ts32-6440bjectClass 8};
```

## 5.1.9 ~~utranCellR55~~

```
utranCellR55 MANAGED OBJECT CLASS
DERIVED FROM
  "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
  utranCellBasicPackage,
  utranCellHandoverPackageR55,
  utranCellAssociationPackage,
```

```

"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.",
"3GPP TS 32.674 Release 5": operationalStateAttributePackage
PRESENT_IF
"instances of this MOC support the operationalState attribute.";
REGISTERED AS {ts32-644ObjectClass 9};

```

## 5.2 Packages

### 5.2.1 rncFunctionHandoverPackage

```

rncFunctionHandoverPackageR55 PACKAGE
BEHAVIOUR
rncFunctionHandoverPackageR55Behaviour;
ATTRIBUTES
mcc GET-REPLACE,
mnc GET-REPLACE,
rncIdR55 GET-REPLACE;
REGISTERED AS {ts32-644Package 14};

```

```

rncFunctionHandoverPackageR55Behaviour BEHAVIOUR
DEFINED AS
"This package contains all new attributes defined for UTRAN handover management.
These attributes are introduced in R4.";

```

```

rncFunctionHandoverPackage PACKAGE
BEHAVIOUR
rncFunctionHandoverPackageBehaviour;
ATTRIBUTES
mcc GET-REPLACE,
mnc GET-REPLACE,
rncId GET-REPLACE;
REGISTERED AS {ts32-644Package 1};

```

```

rncFunctionHandoverPackageBehaviour BEHAVIOUR
DEFINED AS
"This package contains all new attributes defined for UTRAN handover management.
These attributes are introduced in R4.";

```

### 5.2.2 utranCellHandoverPackage

~~Void.~~

```

utranCellHandoverPackageR55 PACKAGE
BEHAVIOUR
utranCellHandoverPackageR55Behaviour;
ATTRIBUTES
cIdR55 GET-REPLACE,
localCellIdR55 GET-REPLACE,
uarfcnUl GET-REPLACE,
uarfcnDl GET-REPLACE,
primaryScramblingCode GET-REPLACE,
primaryCpichPower GET-REPLACE,
maximumTransmissionPower GET-REPLACE,
primarySchPower GET-REPLACE,
secondarySchPower GET-REPLACE,
bchPower GET-REPLACE,
lac GET-REPLACE,
rac GET-REPLACE,
sac GET-REPLACE,
uraList GET-REPLACE;
REGISTERED AS {ts32-644Package 15};

```

```

utranCellHandoverPackageR55Behaviour BEHAVIOUR
DEFINED AS

```



"This package contains all new attributes defined for UTRAN handover management.  
These attributes are introduced in R4.";

### 5.2.3 utranRelationBasicPackage

```
utranRelationBasicPackage PACKAGE
  BEHAVIOUR
    utranRelationBasicPackageBehaviour;
  ATTRIBUTES
    utranRelationId          GET,
    uarfcnUl                 GET,
    uarfcnDl                 GET,
    primaryScramblingCode    GET,
    primaryCpichPower        GET,
    lac                      GET;
REGISTERED AS {ts32-644Package 3};
```

```
utranRelationBasicPackageBehaviour BEHAVIOUR
DEFINED AS
  "The 'UtranRelation' managed object contains radio network related parameters for the
  relation to the 'UtranCell' or 'ExternalUtranCell' managed object. Note: In handover
  relation terms, the cell containing the UTRAN Relation object is the source cell for
  the handover. The cell referred to in the UTRAN relation object is the target cell
  for the handover. This defines a one-way handover relation where the direction is from
  source cell to target cell.";
```

### 5.2.4 utranRelationAssociationPackage

```
utranRelationAssociationPackage PACKAGE
  BEHAVIOUR
    utranRelationAssociationPackageBehaviour;
  ATTRIBUTES
    adjacentCell             GET-REPLACE;
REGISTERED AS {ts32-644Package 4};
```

```
utranRelationAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
  "This package contains all attributes implementing associations related to an utranRelation";
```

### 5.2.5 externalUtranCellPackage

```
externalUtranCellPackageR0506 PACKAGE
  BEHAVIOUR
    externalUtranCellPackageBehaviour;
  ATTRIBUTES
    externalUtranCellId          GET,
    cIdR55                      GET-REPLACE,
    mcc                         GET-REPLACE,
    mnc                         GET-REPLACE,
    rncIdR55                    GET-REPLACE,
    uarfcnUl                    GET-REPLACE,
    uarfcnDl                    GET-REPLACE,
    primaryScramblingCode        GET-REPLACE,
    primaryCpichPower            GET-REPLACE,
    lac                          GET-REPLACE,
    rac                          GET-REPLACE;
REGISTERED AS {ts32-644Package 50506};
```

```
externalUtranCellPackageBehaviour BEHAVIOUR
DEFINED AS
"This Managed Object Class represents a radio cell controlled by another IRPagent. It a
necessary attribute for inter-system handover. This MOC is a subreplication of a MOC
in another NEM." ;
```

```
externalUtranCellPackage PACKAGE
  BEHAVIOUR
    externalUtranCellPackageBehaviour;
  ATTRIBUTES
    externalUtranCellId          GET,
    cId                          GET-REPLACE,
    mcc                         GET-REPLACE,
    mnc                         GET-REPLACE,
    rncId                       GET-REPLACE,
    uarfcnUl                    GET-REPLACE,
```

```

uarfenDl GET REPLACE,
primaryScramblingCode GET REPLACE,
primaryCpichPower GET REPLACE,
lac GET REPLACE,
rac GET REPLACE;
REGISTERED AS {ts32-644Package 5};

externalUtranCellPackageBehaviour BEHAVIOUR
DEFINED AS
"This Managed Object Class represents a radio cell controlled by another IRPAgent. It a
necessary attribute for inter system handover. This MOC is a subreplication of a MOC
in another NEM.";

```

## 5.2.6 rncFunctionBasicPackage

```

rncFunctionBasicPackage PACKAGE
  BEHAVIOUR
    rncFunctionBasicPackageBehaviour;
  ATTRIBUTES
    rncFunctionId GET;
REGISTERED AS {ts32-644Package 6};

rncFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
  "The MOC rncFunction represents UMTS RNC function.";

```

## 5.2.7 utranCellBasicPackage

```

utranCellBasicPackage PACKAGE
  BEHAVIOUR
    utranCellBasicPackageBehaviour;
  ATTRIBUTES
    utranCellId GET;
REGISTERED AS {ts32-644Package 7};

utranCellBasicPackageBehaviour BEHAVIOUR
DEFINED AS
  "This managed object class represents the radio cell controlled by a RNC.";

```

## 5.2.8 utranCellAssociationPackage

```

utranCellAssociationPackage PACKAGE
  BEHAVIOUR
    utranCellAssociationPackageBehaviour;
  ATTRIBUTES
    utranCell2iubLink GET;
REGISTERED AS {ts32-644Package 8};

utranCellAssociationPackageBehaviour BEHAVIOUR
DEFINED AS
  "This package contains the pointer attributes that implement associations related to utranCell.";

```

## 5.2.9 iubLinkBasicPackage

```

iubLinkBasicPackage PACKAGE
  BEHAVIOUR
    iubLinkBasicPackageBehaviour;
  ATTRIBUTES
    iubLinkId GET;
REGISTERED AS {ts32-644Package 9};

iubLinkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
  "This managed object class models the Iub Link between a Node-B and a RNC.";

```

## 5.2.10 iubLinkAssociation

```

iubLinkAssociationPackage PACKAGE
  BEHAVIOUR
    iubLinkAssociationPackageBehaviour;
  ATTRIBUTES

```

```

iubLink2nodeBFunction      GET,
iubLink2utranCell         GET;
REGISTERED AS {ts32-644Package 10};

```

```

iubLinkAssociationPackageBehaviour BEHAVIOUR
DEFINED AS

```

```

"The attribute 'iubLink2NodeBFunction' points to the nodeBFunction instance which this
iubLink instance connects to. The attribute 'iubLink2utranCell' points to a list of
utranCell instances which attach to the nodeBFunction this iubLink connects to.";

```

## 5.2.11 nodeBFunctionBasicPackage

```

nodeBFunctionBasicPackage PACKAGE

```

```

BEHAVIOUR

```

```

nodeBFunctionBasicPackageBehaviour;

```

```

ATTRIBUTES

```

```

nodeBFunctionId          GET;

```

```

REGISTERED AS {ts32-644Package 11};

```

```

nodeBFunctionBasicPackageBehaviour BEHAVIOUR

```

```

DEFINED AS

```

```

"This managed object class represents the NodeB functionality.";

```

## 5.2.12 nodeBFunctionAssociationPackage

```

nodeBFunctionAssociationPackage PACKAGE

```

```

BEHAVIOUR

```

```

nodeBFunctionAssociationPackageBehaviour;

```

```

ATTRIBUTES

```

```

nodeB2iubLink           GET;

```

```

REGISTERED AS {ts32-644Package 12};

```

```

nodeBFunctionAssociationPackageBehaviour BEHAVIOUR

```

```

DEFINED AS

```

```

"The attribute 'nodeB2iubLink' points to the iubLink instance
which connects to this nodeBFunction instance directly.";

```

## 5.2.13 ~~utranCellHandoverPackageR54~~

```

utranCellHandoverPackageR54 PACKAGE

```

```

BEHAVIOUR

```

```

utranCellHandoverPackageR54Behaviour;

```

```

ATTRIBUTES

```

```

eId GET REPLACE;

```

```

localCellId GET REPLACE;

```

```

uarfenUl GET REPLACE;

```

```

uarfenDl GET REPLACE;

```

```

primaryScramblingCode GET REPLACE;

```

```

primaryCpichPower GET REPLACE;

```

```

maximumTransmissionPower GET REPLACE;

```

```

primarySchPower GET REPLACE;

```

```

secondarySchPower GET REPLACE;

```

```

behPower GET REPLACE;

```

```

lac GET REPLACE;

```

```

rac GET REPLACE;

```

```

sac GET REPLACE;

```

```

uraList GET REPLACE;

```

```

REGISTERED AS {ts32-644Package 13};

```

```

utranCellHandoverPackageR54Behaviour BEHAVIOUR

```

```

DEFINED AS

```

```

"This package contains all new attributes defined for UTRAN handover management.

```

```

These attributes are introduced in R4.";

```

## 5.2.14 ~~rncFunctionHandoverPackageR55~~

```

rncFunctionHandoverPackageR55 PACKAGE

```

```

BEHAVIOUR

```

```

rncFunctionHandoverPackageR55Behaviour;

```

```

ATTRIBUTES

```

```

mcc GET REPLACE;

```

```

mnc GET REPLACE;

```

```

rncIdR55 GET REPLACE;

```

```
REGISTERED AS {ts32-644Package 14};

rncFunctionHandoverPackageR55Behaviour BEHAVIOUR
DEFINED AS
  "This package contains all new attributes defined for UTRAN handover management.
  These attributes are introduced in R4.";
```

## 5.2.15 ~~utranCellHandoverPackageR55~~

```
utranCellHandoverPackageR55 PACKAGE
  BEHAVIOUR
  utranCellHandoverPackageR55Behaviour;
  ATTRIBUTES
  cidr55 GET-REPLACE,
  localCellIdR55 GET-REPLACE,
  uarfenUl GET-REPLACE,
  uarfenDl GET-REPLACE,
  primaryScramblingCode GET-REPLACE,
  primaryCpichPower GET-REPLACE,
  maximumTransmissionPower GET-REPLACE,
  primarySchPower GET-REPLACE,
  secondarySchPower GET-REPLACE,
  bchPower GET-REPLACE,
  lac GET-REPLACE,
  rac GET-REPLACE,
  sac GET-REPLACE,
  uraList GET-REPLACE;
REGISTERED AS {ts32-644Package 15};

utranCellHandoverPackageR55Behaviour BEHAVIOUR
DEFINED AS
  "This package contains all new attributes defined for UTRAN handover management.
  These attributes are introduced in R4.";
```

## 5.3 Attributes

### 5.3.1 mcc

```
mcc ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.MobileCountryCode;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    mccBehaviour;
REGISTERED AS {ts32-644Attribute 1};

mccBehaviour BEHAVIOUR
DEFINED AS
  "Mobile Country Code, MCC. It is a part of the PLMN Id (Ref. 3 GPP TS 23.003).";
```

### 5.3.2 mnc

```
mnc ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.MobileNetworkCode;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    mncBehaviour;
REGISTERED AS {ts32-644Attribute 2};

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

### 5.3.3 rncld

```
rncIdR55 ATTRIBUTE
WITH ATTRIBUTE SYNTAX
  TS32-644TypeModule.RncId;
```

```

MATCHES FOR
  EQUALITY;
BEHAVIOUR
  rncIdR55Behaviour;
REGISTERED AS {ts32-644Attribute 31};

rncIdR55Behaviour BEHAVIOUR
DEFINED AS
  "Unique RNC ID (Ref. 3 GPP TS 23.003).";

rncId_ATTRIBUTE
WITH ATTRIBUTE SYNTAX
TS32-644TypeModule.GeneralObjectId;
MATCHES FOR
EQUALITY;
BEHAVIOUR
rncIdBehaviour;
REGISTERED AS {ts32-644Attribute 3};

rncIdBehaviour BEHAVIOUR
DEFINED AS
"Unique RNC ID (Ref. 3 GPP TS 23.003).";

```

### 5.3.4 cId

```

cIdR55 ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
  TS32-644TypeModule.CId;
MATCHES FOR
  EQUALITY;
BEHAVIOUR
  cIdR55Behaviour;
REGISTERED AS {ts32-644Attribute 32};

cIdR55Behaviour BEHAVIOUR
DEFINED AS
  "cId is the identifier of a cell in one RNC (Ref. 3 GPP TS 25.401).";

eId_ATTRIBUTE
WITH ATTRIBUTE SYNTAX
TS32-644TypeModule.GeneralObjectId;
MATCHES FOR
EQUALITY;
BEHAVIOUR
eIdBehaviour;
REGISTERED AS {ts32-644Attribute 4};

eIdBehaviour BEHAVIOUR
DEFINED AS
"eId is the identifier of a cell in one RNC (Ref. 3 GPP TS 25.401).";

```

### 5.3.5 localCellId

```

localCellIdR55 ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
  TS32-644TypeModule.LocalCellId;
MATCHES FOR
  EQUALITY;
BEHAVIOUR
  localCellIdR55Behaviour;
REGISTERED AS {ts32-644Attribute 33};

localCellIdR55Behaviour BEHAVIOUR
DEFINED AS
  "Local Cell id is used to uniquely identify the set of resources defined in a Node B
  to support a cell (as defined by a Cid Ref. 3 GPP TS 25.401). It must be unique in
  Node B at a minimum, but may be unique in UTRAN. It can be used to tie the cell in the
  RNC to a specific set of resources in the Node B.";

localCellId_ATTRIBUTE
WITH ATTRIBUTE SYNTAX
TS32-644TypeModule.GeneralObjectId;
MATCHES FOR
EQUALITY;
BEHAVIOUR

```

```

localCellIdBehaviour;
REGISTERED AS {ts32-644Attribute 5};

localCellIdBehaviour BEHAVIOUR
DEFINED AS
"Local Cell id is used to uniquely identify the set of resources defined in a Node B
to support a cell (as defined by a Cid Ref. 3 GPP TS 25.401). It must be unique in
Node B at a minimum, but may be unique in UTRAN. It can be used to tie the cell in the
RNC to a specific set of resources in the Node B.";

```

### 5.3.6 uarfcnUl

```

uarfcnUl ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.UarfcnUl;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    uarfcnUlBehaviour;
REGISTERED AS {ts32-644Attribute 6};

uarfcnUlBehaviour BEHAVIOUR
DEFINED AS
    "The UL UTRA absolute Radio Frequency Channel number, UARFCN (Ref. 3 GPP TS 25.433).";

```

### 5.3.7 uarfcnDl

```

uarfcnDl ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.UarfcnDl;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    uarfcnDlBehaviour;
REGISTERED AS {ts32-644Attribute 7};

uarfcnDlBehaviour BEHAVIOUR
DEFINED AS
    "The DL UTRA absolute Radio Frequency Channel number, UARFCN (Ref. 3 GPP TS 25.433).";

```

### 5.3.8 primaryScramblingCode

```

primaryScramblingCode ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.PrimaryScramblingCode;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    primaryScramblingCodeBehaviour;
REGISTERED AS {ts32-644Attribute 8};

primaryScramblingCodeBehaviour BEHAVIOUR
DEFINED AS
    "The primary DL scrambling code used by the cell (Ref. 3 GPP TS 25.433).";

```

### 5.3.9 primaryCpichPower

```

primaryCpichPower ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.PrimaryCpichPower;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    primaryCpichPowerBehaviour;
REGISTERED AS {ts32-644Attribute 9};

primaryCpichPowerBehaviour BEHAVIOUR
DEFINED AS
    "The power of the primary CPICH channel in the cell (Ref. 3 GPP TS 25.433).";

```

### 5.3.10 maximumTransmissionPower

```
maximumTransmissionPower ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.MaximumTransmissionPower;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    maximumTransmissionPowerBehaviour;
REGISTERED AS {ts32-644Attribute 10};

maximumTransmissionPowerBehaviour BEHAVIOUR
DEFINED AS
    "The maximum transmission power of a cell, DL Power (Ref. 3 GPP TS 25.433).";
```

### 5.3.11 primarySchPower

```
primarySchPower ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.PrimarySchPower;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    primarySchPowerBehaviour;
REGISTERED AS {ts32-644Attribute 11};

primarySchPowerBehaviour BEHAVIOUR
DEFINED AS
    "The power of the primary synchronisation channel in the cell, DL Power (Ref. 3 GPP TS 25.433).";
```

### 5.3.12 secondarySchPower

```
secondarySchPower ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.SecondarySchPower;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    secondarySchPowerBehaviour;
REGISTERED AS {ts32-644Attribute 12};

secondarySchPowerBehaviour BEHAVIOUR
DEFINED AS
    "The power of the secondary synchronisation channel in the cell,
    DL Power (Ref. 3 GPP TS 25.433).";
```

### 5.3.13 bchPower

```
bchPower ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.BchPower;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    bchPowerBehaviour;
REGISTERED AS {ts32-644Attribute 13};

bchPowerBehaviour BEHAVIOUR
DEFINED AS
    "The power of the broadcast channel in the cell (Ref. 3 GPP TS 25.433).";
```

### 5.3.14 lac

```
lac ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.LocationAreaCode;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    lacBehaviour;
REGISTERED AS {ts32-644Attribute 14};
```

```
lacBehaviour BEHAVIOUR  
DEFINED AS  
  "Location Area Code, LAC (Ref. 3 GPP TS 23.003)";
```

### 5.3.15 rac

```
rac ATTRIBUTE  
  WITH ATTRIBUTE SYNTAX  
    TS32-644TypeModule.Rac;  
  MATCHES FOR  
    EQUALITY;  
  BEHAVIOUR  
    racBehaviour;  
REGISTERED AS {ts32-644Attribute 15};
```

```
racBehaviour BEHAVIOUR  
DEFINED AS  
  "Routing Area Code, RAC (Ref. 3 GPP TS 23.003)";
```

### 5.3.16 sac

```
sac ATTRIBUTE  
  WITH ATTRIBUTE SYNTAX  
    TS32-644TypeModule.Sac;  
  MATCHES FOR  
    EQUALITY;  
  BEHAVIOUR  
    sacBehaviour;  
REGISTERED AS {ts32-644Attribute 16};
```

```
sacBehaviour BEHAVIOUR  
DEFINED AS  
  "Service Area Code, RAC (Ref. 3 GPP TS 23.003)";
```

### 5.3.17 ura

Void.

### 5.3.18 utranRelationId

```
utranRelationId ATTRIBUTE  
  WITH ATTRIBUTE SYNTAX  
    TS32-644TypeModule.GeneralObjectId;  
  MATCHES FOR  
    EQUALITY;  
  BEHAVIOUR  
    utranRelationIdBehaviour;  
REGISTERED AS {ts32-644Attribute 18};
```

```
utranRelationIdBehaviour BEHAVIOUR  
DEFINED AS  
  "This attribute identifies an utranRelation object.";
```

### 5.3.19 relationType

Void.

### 5.3.20 adjacentCell

```
adjacentCell ATTRIBUTE  
  WITH ATTRIBUTE SYNTAX  
    TS32-644TypeModule.GeneralObjectPointer;  
  MATCHES FOR  
    EQUALITY;  
  BEHAVIOUR  
    adjacentCellBehaviour;  
REGISTERED AS {ts32-644Attribute 20};
```

```
adjacentCellBehaviour BEHAVIOUR
```



**DEFINED AS**

"Pointer to UTRAN cell or external UTRAN cell. Distinguished name of the corresponding object.";

### 5.3.21 externalUtranCellId

**externalUtranCellId ATTRIBUTE**  
**WITH ATTRIBUTE SYNTAX**  
TS32-644TypeModule.GeneralObjectId;  
**MATCHES FOR**  
EQUALITY;  
**BEHAVIOUR**  
adjacentCellBehaviour;  
**REGISTERED AS** {ts32-644Attribute 21};

**externalUtranCellIdBehaviour BEHAVIOUR**  
**DEFINED AS**  
"This attribute identifies an externalUtranCell object.";

### 5.3.22 rncFunctionId

**rncFunctionId ATTRIBUTE**  
**WITH ATTRIBUTE SYNTAX**  
TS32-644TypeModule.GeneralObjectId;  
**MATCHES FOR**  
EQUALITY;  
**BEHAVIOUR**  
rncFunctionIdBehaviour;  
**REGISTERED AS** {ts32-644Attribute 22};

**rncFunctionIdBehaviour BEHAVIOUR**  
**DEFINED AS**  
"This attribute names an instance of the 'rncFunction' object class.";

### 5.3.23 utranCellId

**utranCellId ATTRIBUTE**  
**WITH ATTRIBUTE SYNTAX**  
TS32-644TypeModule.GeneralObjectId;  
**MATCHES FOR**  
EQUALITY;  
**BEHAVIOUR**  
utranCellIdBehaviour;  
**REGISTERED AS** {ts32-644Attribute 23};

**utranCellIdBehaviour BEHAVIOUR**  
**DEFINED AS**  
"This attribute names an instance of the 'utranCell' object class.";

### 5.3.24 utranCell2iubLink

**utranCell2iubLink ATTRIBUTE**  
**WITH ATTRIBUTE SYNTAX**  
TS32-644TypeModule.GeneralObjectPointer;  
**MATCHES FOR**  
EQUALITY;  
**BEHAVIOUR**  
utranCell2iubLinkBehaviour;  
**REGISTERED AS** {ts32-644Attribute 24};

**utranCell2iubLinkBehaviour BEHAVIOUR**  
**DEFINED AS**  
"This attribute points to the iubLink instance connecting to this utranCell.";

### 5.3.25 iubLinkId

**iubLinkId ATTRIBUTE**  
**WITH ATTRIBUTE SYNTAX**  
TS32-644TypeModule.GeneralObjectId;  
**MATCHES FOR**  
EQUALITY;  
**BEHAVIOUR**

```

    iubLinkIdBehaviour;
REGISTERED AS {ts32-644Attribute 25};

iubLinkIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute names an instance of the 'iubLink' object class.";

```

### 5.3.26 iubLink2nodeBFunction

```

iubLink2nodeBFunction ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.GeneralObjectPointer;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    iubLink2nodeBFunctionBehaviour;
REGISTERED AS {ts32-644Attribute 26};

iubLink2nodeBFunctionBehaviour BEHAVIOUR
DEFINED AS
    "This attribute points to the nodeBFunction instance which this iubLink instance
    connects directly to.";

```

### 5.3.27 iubLink2utranCell

```

iubLink2utranCell ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.GeneralObjectPointerList;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    iubLink2utranCellBehaviour;
REGISTERED AS {ts32-644Attribute 27};

iubLink2utranCellBehaviour BEHAVIOUR
DEFINED AS
    "This attribute points from an iubLink instance to a list of utranCell instance";

```

### 5.3.28 nodeBFunctionId

```

nodeBFunctionId ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.GeneralObjectId;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    nodeBFunctionIdBehaviour;
REGISTERED AS {ts32-644Attribute 28};

nodeBFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute names an instance of the 'nodeBFunction' object class.";

```

### 5.3.29 nodeB2iubLink

```

nodeB2iubLink ATTRIBUTE
WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.GeneralObjectPointer;
MATCHES FOR
    EQUALITY;
BEHAVIOUR
    nodeB2iubLinkBehaviour;
REGISTERED AS {ts32-644Attribute 29};

nodeB2iubLinkBehaviour BEHAVIOUR
DEFINED AS
    "This attribute points to the IubLink instance which connects to the
    related nodeBFunction instance directly.";

```

### 5.3.30 uraList

```

uraList ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.UraList;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    uraListBehaviour;
REGISTERED AS {ts32-644Attribute 30};

uraListBehaviour BEHAVIOUR
DEFINED AS
  "List of UTRAN Registration Area, URA (Ref. 3 GPP TS 25.331)";

```

### 5.3.31 ~~rnclDR55~~

```

rnclDR55 ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.RncId;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    rncIdR55Behaviour;
REGISTERED AS {ts32-644Attribute 31};

rnclDR55Behaviour BEHAVIOUR
DEFINED AS
  "Unique RNC ID (Ref. 3 GPP TS 23.003).";

```

### 5.3.32 ~~cldR55~~

```

eIdR55 ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.Cid;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    cidR55Behaviour;
REGISTERED AS {ts32-644Attribute 32};

eIdR55Behaviour BEHAVIOUR
DEFINED AS
  "cid is the identifier of a cell in one RNC (Ref. 3 GPP TS 25.401).";

```

### 5.3.33 ~~localCellIdR55~~

```

localCellIdR55 ATTRIBUTE
  WITH ATTRIBUTE SYNTAX
    TS32-644TypeModule.LocalCellId;
  MATCHES FOR
    EQUALITY;
  BEHAVIOUR
    localCellIdR55Behaviour;
REGISTERED AS {ts32-644Attribute 33};

localCellIdR55Behaviour BEHAVIOUR
DEFINED AS
  "Local Cell id is used to uniquely identify the set of resources defined in a Node B
  to support a cell (as defined by a Cid Ref. 3 GPP TS 25.401). It must be unique in
  Node B at a minimum, but may be unique in UTRAN. It can be used to tie the cell in the
  RNC to a specific set of resources in the Node B.";

```

## 5.4 Name Binding

### 5.4.1 rncFunction - managedElement

```


rncFunctionR55-managedElement NAME BINDING
  SUBORDINATE OBJECT CLASS
    rncFunctionR55;

```

```

NAMED BY SUPERIOR OBJECT CLASS
"3GPP TS 32.624 Release 5": managedElement;
WITH ATTRIBUTE
  rncFunctionId;
BEHAVIOUR
  rncFunctionR55-managedElementBehaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 15};

rncFunctionR55-managedElementBehaviour BEHAVIOUR
DEFINED AS
"The name binding represents a relationship in which a managedElement contains
and controls a rncFunctionR55. When automatic instance naming is used, the choice
of name bindings is left as a local matter.";

rncFunction managedElement NAME BINDING
SUBORDINATE OBJECT CLASS
  rncFunction;
NAMED BY SUPERIOR OBJECT CLASS
"3GPP TS 32.624 Release 5": managedElement;
WITH ATTRIBUTE
  rncFunctionId;
BEHAVIOUR
  rncFunction managedElementBehaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 1};

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

```

## 5.4.2 nodeBFunction - managedElement

```

nodeBFunction-managedElement NAME BINDING
SUBORDINATE OBJECT CLASS
  nodeBFunction;
NAMED BY SUPERIOR OBJECT CLASS
"3GPP TS 32.624 Release 5": managedElement;
WITH ATTRIBUTE
  nodeBFunctionId;
BEHAVIOUR
  nodeBFunction-managedElementBehaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 2};

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

## 5.4.3 utranCell - rncFunction

~~Void.~~

```

utranCellR55-rncFunctionR55 NAME BINDING
SUBORDINATE OBJECT CLASS
  utranCellR55;
NAMED BY SUPERIOR OBJECT CLASS
  rncFunctionR55;
WITH ATTRIBUTE
  utranCellId;
BEHAVIOUR
  utranCellR55-rncFunctionR55Behaviour;
```

```

CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 17};

utranCellR55-rncFunctionR55Behaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which a rncFunctionR55 contains
  and controls an utranCellR55. When automatic instance naming is used, the choice
  of name bindings is left as a local matter.";

```

#### 5.4.4 utranRelation - utranCell

~~Void.~~

```

utranRelation-utranCellR55 NAME BINDING
SUBORDINATE OBJECT CLASS
  utranRelation;
NAMED BY SUPERIOR OBJECT CLASS
  utranCellR55;
WITH ATTRIBUTE
  utranRelationId;
BEHAVIOUR
  utranRelation-utranCellR55Behaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 18};

utranRelation-utranCellR55Behaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which an utranCellR55 contains
  and controls an utranRelation. When automatic instance naming is used, the choice
  of name bindings is left as a local matter.";

```

#### 5.4.5 externalUtranCell - subNetwork

```

externalUtranCellR0506-subNetwork NAME BINDING
SUBORDINATE OBJECT CLASS
  externalUtranCellR0506;
NAMED BY SUPERIOR OBJECT CLASS
  "3GPP TS 32.624 Release 5": subNetwork;
WITH ATTRIBUTE
  externalUtranCellId;
BEHAVIOUR
  externalUtranCellR0506-subNetworkBehaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 50506};

externalUtranCellR0506-subNetworkBehaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which a subNetwork contains
  and controls an externalUtranCellR0506. When automatic instance naming is used, the choice
  of name bindings is left as a local matter.";

externalUtranCell-subNetwork NAME BINDING
  SUBORDINATE OBJECT CLASS
    externalUtranCell;
  NAMED BY SUPERIOR OBJECT CLASS
    "3GPP TS 32.624 Release 5": subNetwork;
  WITH ATTRIBUTE
    externalUtranCellId;
  BEHAVIOUR
    externalUtranCell-subNetworkBehaviour;
  CREATE
    WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
  DELETE
    ONLY-IF-NO-CONTAINED-OBJECTS;
  REGISTERED AS {ts32-644NameBinding 5};

```

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

#### 5.4.6 vsDataContainer - rncFunction

Void.

#### 5.4.7 vsDataContainer - nodeBFunction

Void.

#### 5.4.8 vsDataContainer - utranCell

Void.

#### 5.4.9 vsDataContainer - utranRelation

Void.

#### 5.4.10 iubLink - rncFunction

```
iubLink-rncFunctionR55 NAME BINDING
SUBORDINATE OBJECT CLASS
iubLink;
NAMED BY SUPERIOR OBJECT CLASS
rncFunctionR55;
WITH ATTRIBUTE
iubLinkId;
BEHAVIOUR
iubLink-rncFunctionR55Behaviour;
CREATE
WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 16};
```

```
iubLink-rncFunctionR55Behaviour BEHAVIOUR
DEFINED AS
"The name binding represents a relationship in which a rncFunctionR55 contains
and controls a iubLink. When automatic instance naming is used, the choice
of name bindings left as a local matter.";
```

```
iubLink rncFunction NAME BINDING
SUBORDINATE OBJECT CLASS
iubLink;
NAMED BY SUPERIOR OBJECT CLASS
rncFunction;
WITH ATTRIBUTE
iubLinkId;
BEHAVIOUR
iubLink-rncFunctionBehaviour;
CREATE
WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 10};
```

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

#### 5.4.11 gsmRelation - utranCell

~~Void.~~

```

gsmRelation-utranCellR55 NAME BINDING
SUBORDINATE OBJECT CLASS
  "3GPP TS 32.654 Release 5": gsmRelation;
NAMED BY SUPERIOR OBJECT CLASS
  utranCellR55;
WITH ATTRIBUTE
  "3GPP TS 32.654 Release 5": gsmRelationId;
BEHAVIOUR
  gsmRelation-utranCellR55Behaviour;
CREATE
  WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 19};

```

```

gsmRelation-utranCellR55Behaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which an utranCellR55 contains
  and controls a gsmRelation. When automatic instance naming is used, the choice
  of name bindings left as a local matter.";

```

## 5.4.12 ~~utranCellR54 - rncFunction~~

```

utranCellR54-rncFunction NAME BINDING
SUBORDINATE OBJECT CLASS
  utranCellR54;
NAMED BY SUPERIOR OBJECT CLASS
  rncFunction;
WITH ATTRIBUTE
  utranCellId;
BEHAVIOUR
  utranCellR54-rncFunctionBehaviour;
CREATE
  WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 12};

```

```

utranCellR54 rncFunctionBehaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which a rncFunction contains
  and controls an utranCell. When automatic instance naming is used, the choice
  of name bindings is left as a local matter.";

```

## 5.4.13 ~~utranRelation - utranCellR54~~

```

utranRelation-utranCellR54 NAME BINDING
SUBORDINATE OBJECT CLASS
  utranRelation;
NAMED BY SUPERIOR OBJECT CLASS
  utranCellR54;
WITH ATTRIBUTE
  utranRelationId;
BEHAVIOUR
  utranRelation-utranCellR54Behaviour;
CREATE
  WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
  ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 13};

```

```

utranRelation-utranCellR54Behaviour BEHAVIOUR
DEFINED AS
  "The name binding represents a relationship in which an utranCellR54 contains
  and controls an utranRelation. When automatic instance naming is used, the choice
  of name bindings is left as a local matter.";

```

## 5.4.14 ~~gsmRelation - utranCellR54~~

```

gsmRelation-utranCellR54 NAME BINDING
SUBORDINATE OBJECT CLASS
  "3GPP TS 32.654 Release 5": gsmRelation;
NAMED BY SUPERIOR OBJECT CLASS
  utranCellR54;

```

```


WITH ATTRIBUTE
"3GPP TS 32.654 Release 5": gsmRelationId;
BEHAVIOUR
gsmRelation-utranCellR54Behaviour;
CREATE
WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
ONLY IF NO CONTAINED OBJECTS;
REGISTERED AS {ts32-644NameBinding-14};

gsmRelation-utranCellR54Behaviour BEHAVIOUR
DEFINED AS
"The name binding represents a relationship in which an utranCellR54 contains
and controls a gsmRelation. When automatic instance naming is used, the choice
of name bindings left as a local matter.";


```

## 5.4.15 ~~rncFunctionR55 - managedElement~~

```


rncFunctionR55-managedElement NAME BINDING
SUBORDINATE OBJECT CLASS
rncFunctionR55;
NAMED BY SUPERIOR OBJECT CLASS
"3GPP TS 32.624 Release 5": managedElement;
WITH ATTRIBUTE
rncFunctionId;
BEHAVIOUR
rncFunctionR55-managedElementBehaviour;
CREATE
WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
ONLY IF NO CONTAINED OBJECTS;
REGISTERED AS {ts32-644NameBinding-15};

rncFunctionR55-managedElementBehaviour BEHAVIOUR
DEFINED AS
"The name binding represents a relationship in which a managedElement contains
and controls a rncFunctionR55. When automatic instance naming is used, the choice
of name bindings is left as a local matter.";


```

## 5.4.16 ~~iubLink - rncFunctionR55~~

```


iubLink-rncFunctionR55 NAME BINDING
SUBORDINATE OBJECT CLASS
iubLink;
NAMED BY SUPERIOR OBJECT CLASS
rncFunctionR55;
WITH ATTRIBUTE
iubLinkId;
BEHAVIOUR
iubLink-rncFunctionR55Behaviour;
CREATE
WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
ONLY IF NO CONTAINED OBJECTS;
REGISTERED AS {ts32-644NameBinding-16};

iubLink-rncFunctionR55Behaviour BEHAVIOUR
DEFINED AS
"The name binding represents a relationship in which a rncFunctionR55 contains
and controls a iubLink. When automatic instance naming is used, the choice
of name bindings left as a local matter.";


```

## 5.4.17 ~~utranCellR55 - rncFunctionR55~~

```


utranCellR55-rncFunctionR55 NAME BINDING
SUBORDINATE OBJECT CLASS
utranCellR55;
NAMED BY SUPERIOR OBJECT CLASS
rncFunctionR55;
WITH ATTRIBUTE
utranCellId;
BEHAVIOUR
utranCellR55-rncFunctionR55Behaviour;
CREATE


```



```

WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;
DELETE
ONLY IF NO CONTAINED OBJECTS;
REGISTERED AS {ts32-644NameBinding-17};

```

```

utranCellR55-rncFunctionR55Behaviour BEHAVIOUR
DEFINED AS

```

```

"The name binding represents a relationship in which a rncFunctionR55 contains
and controls an utranCellR55. When automatic instance naming is used, the choice
of name bindings is left as a local matter.";

```

## 5.4.18 ~~utranRelation~~ - ~~utranCellR55~~

```

utranRelation-utranCellR55 NAME BINDING

```

```

SUBORDINATE OBJECT CLASS

```

```

utranRelation;

```

```

NAMED BY SUPERIOR OBJECT CLASS

```

```

utranCellR55;

```

```

WITH ATTRIBUTE

```

```

utranRelationId;

```

```

BEHAVIOUR

```

```

utranRelation-utranCellR55Behaviour;

```

```

CREATE

```

```

WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;

```

```

DELETE

```

```

ONLY IF NO CONTAINED OBJECTS;

```

```

REGISTERED AS {ts32-644NameBinding-18};

```

```

utranRelation-utranCellR55Behaviour BEHAVIOUR

```

```

DEFINED AS

```

```

"The name binding represents a relationship in which an utranCellR55 contains
and controls an utranRelation. When automatic instance naming is used, the choice
of name bindings is left as a local matter.";

```

## 5.4.19 ~~gsmRelation~~ - ~~utranCellR55~~

```

gsmRelation-utranCellR55 NAME BINDING

```

```

SUBORDINATE OBJECT CLASS

```

```

"3GPP TS 32.654 Release 5": gsmRelation;

```

```

NAMED BY SUPERIOR OBJECT CLASS

```

```

utranCellR54;

```

```

WITH ATTRIBUTE

```

```

"3GPP TS 32.654 Release 5": gsmRelationId;

```

```

BEHAVIOUR

```

```

gsmRelation-utranCellR55Behaviour;

```

```

CREATE

```

```

WITH REFERENCE OBJECT, WITH AUTOMATIC INSTANCE NAMING;

```

```

DELETE

```

```

ONLY IF NO CONTAINED OBJECTS;

```

```

REGISTERED AS {ts32-644NameBinding-19};

```

```

gsmRelation-utranCellR55Behaviour BEHAVIOUR

```

```

DEFINED AS

```

```

"The name binding represents a relationship in which an utranCellR55 contains
and controls a gsmRelation. When automatic instance naming is used, the choice
of name bindings left as a local matter.";

```

---

## 6 ASN.1 Definitions

```
TS32-644TypeModule {ccitt(0) identified-organization(4) etsi(0) mobileDomain(0) umts-Operation-
Maintenance(3) ts32-644(644) informationModel(0) asn1Module(2) version1(1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
BEGIN
```

```
--EXPORTS everything
```

```
IMPORTS
```

```
GeneralObjectId, GeneralObjectPointer, GeneralObjectPointerList
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 32.644 related Object Identifiers
```

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

```
ts32-644              OBJECT IDENTIFIER ::= {baseNodeUMTS ts32-644(644)}
ts32-644InfoModel     OBJECT IDENTIFIER ::= {ts32-644 informationModel(0)}
```

```
ts32-644ObjectClass  OBJECT IDENTIFIER ::= {ts32-644InfoModel managedObjectClass(3)}
ts32-644Package       OBJECT IDENTIFIER ::= {ts32-644InfoModel package(4)}
ts32-644Parameter     OBJECT IDENTIFIER ::= {ts32-644InfoModel parameter(5)}
ts32-644NameBinding   OBJECT IDENTIFIER ::= {ts32-644InfoModel nameBinding(6)}
ts32-644Attribute     OBJECT IDENTIFIER ::= {ts32-644InfoModel attribute(7)}
ts32-644Action        OBJECT IDENTIFIER ::= {ts32-644InfoModel action(9)}
ts32-644Notification  OBJECT IDENTIFIER ::= {ts32-644InfoModel notification(10)}
```

```
-- Start of 3GPP SA5 own definitions
```

```
BchPower ::= INTEGER
```

```
CId ::= INTEGER
```

```
Lac ::= INTEGER
```

```
LocalCellId ::= INTEGER
```

```
MaximumTransmissionPower ::= INTEGER
```

```
PrimaryCpichPower ::= INTEGER
```

```
PrimarySchPower ::= INTEGER
```

```
PrimaryScramblingCode ::= INTEGER
```

```
Rac ::= INTEGER
```

```
RncId ::= INTEGER
```

```
Sac ::= INTEGER
```

```
SecondarySchPower ::= INTEGER
```

```
UarfcnDL ::= INTEGER
```

```
UarfcnUL ::= INTEGER
```

```
UraList ::= SET OF INTEGER
```

```
END -- of TS32-644TypeModule
```

---

## Annex A (informative): List of assigned Object Identifiers

This annex provides a list with all Object Identifiers (OIDs) that have been assigned in TS 32.644 up to the latest version of Release 5. These ~~object identifiers~~OIDs should not be assigned to new objects.

<u>Basic Object Name</u>	<u>Name and OID of the current TS Version</u>	<u>Name and OIDs of previous TS Versions</u>
<b>Managed Object Classes</b>		
<a href="#">rncFunction</a>	Name: <a href="#">rncFunctionR55</a> OID : <a href="#">ts32-644ObjectClass 8</a>	Name: <a href="#">rncFunction</a> OID : <a href="#">ts32-644ObjectClass 1</a>
<a href="#">utranCell</a>	Name: <a href="#">utranCellR55</a> OID : <a href="#">ts32-644ObjectClass 9</a>	Name: <a href="#">utranCellR54</a> OID : <a href="#">ts32-644ObjectClass 7</a> Name: <a href="#">utranCell</a> OID : <a href="#">ts32-644ObjectClass 2</a>
<a href="#">utranRelation</a>	Name: <a href="#">utranRelation</a> OID : <a href="#">ts32-644ObjectClass 3</a>	--
<a href="#">externalUtranCell</a>	Name: <a href="#">externalUtranCellR0506</a> OID : <a href="#">ts32-644ObjectClass 40506</a>	Name: <a href="#">externalUtranCell</a> OID : <a href="#">ts32-644ObjectClass 4</a>
<a href="#">iubLink</a>	Name: <a href="#">iubLink</a> OID : <a href="#">ts32-644ObjectClass 5</a>	--
<a href="#">nodeBFunction</a>	Name: <a href="#">nodeBFunction</a> OID : <a href="#">ts32-644ObjectClass 6</a>	--
<b>Packages</b>		
<a href="#">rncFunctionHandoverPackage</a>	Name: <a href="#">rncFunctionHandoverPackageR55</a> OID : <a href="#">ts32-644Package 14</a>	Name: <a href="#">rncFunctionHandoverPackage</a> OID : <a href="#">ts32-644Package 1</a>
<a href="#">utranCellHandoverPackage</a>	Name: <a href="#">utranCellHandoverPackageR55</a> OID : <a href="#">ts32-644Package 15</a>	Name: <a href="#">utranCellHandoverPackageR54</a> OID : <a href="#">ts32-644Package 13</a> Name: <a href="#">utranCellHandoverPackage</a> OID : <a href="#">ts32-644Package 2</a>
<a href="#">utranRelationBasicPackage</a>	Name: <a href="#">utranRelationBasicPackage</a> OID : <a href="#">ts32-644Package 3</a>	--
<a href="#">utranRelationAssociationPackage</a>	Name: <a href="#">utranRelationAssociationPackage</a> OID : <a href="#">ts32-644Package 4</a>	--
<a href="#">externalUtranCellPackage</a>	Name: <a href="#">externalUtranCellPackageR0506</a> OID : <a href="#">ts32-644Package 50506</a>	Name: <a href="#">externalUtranCellPackage</a> OID : <a href="#">ts32-644Package 5</a>
<a href="#">rncFunctionBasicPackage</a>	Name: <a href="#">rncFunctionBasicPackage</a> OID : <a href="#">ts32-644Package 6</a>	--
<a href="#">utranCellBasicPackage</a>	Name: <a href="#">utranCellBasicPackage</a> OID : <a href="#">ts32-644Package 7</a>	--
<a href="#">utranCellAssociationPackage</a>	Name: <a href="#">utranCellAssociationPackage</a> OID : <a href="#">ts32-644Package 8</a>	--
<a href="#">iubLinkBasicPackage</a>	Name: <a href="#">iubLinkBasicPackage</a> OID : <a href="#">ts32-644Package 9</a>	--
<a href="#">iubLinkAssociationPackage</a>	Name: <a href="#">iubLinkAssociationPackage</a> OID : <a href="#">ts32-644Package 10</a>	--
<a href="#">nodeBFunctionBasicPackage</a>	Name: <a href="#">nodeBFunctionBasicPackage</a> OID : <a href="#">ts32-644Package 11</a>	--
<a href="#">nodeBFunctionAssociationPackage</a>	Name: <a href="#">nodeBFunctionAssociationPackage</a> OID : <a href="#">ts32-644Package 12</a>	--
<b>Actions</b>		
<b>Notifications</b>		
<b>Attributes</b>		
<a href="#">mcc</a>	Name: <a href="#">mcc</a> OID : <a href="#">ts32-644Attribute 1</a>	--
<a href="#">mnc</a>	Name: <a href="#">mnc</a> OID : <a href="#">ts32-644Attribute 2</a>	--
<a href="#">rnclD</a>	Name: <a href="#">rnclDR55</a> OID : <a href="#">ts32-644Attribute 31</a>	Name: <a href="#">rnclD</a> OID : <a href="#">ts32-644Attribute 3</a>
<a href="#">cld</a>	Name: <a href="#">cldR55</a> OID : <a href="#">ts32-644Attribute 32</a>	Name: <a href="#">cld</a> OID : <a href="#">ts32-644Attribute 4</a>
<a href="#">localCellId</a>	Name: <a href="#">localCellIdR55</a> OID : <a href="#">ts32-644Attribute 33</a>	Name: <a href="#">localCellId</a> OID : <a href="#">ts32-644Attribute 5</a>
<a href="#">uarfcnUl</a>	Name: <a href="#">uarfcnUl</a> OID : <a href="#">ts32-644Attribute 6</a>	--
<a href="#">uarfcnDI</a>	Name: <a href="#">uarfcnDI</a> OID : <a href="#">ts32-644Attribute 7</a>	--

<a href="#">primaryScramblingCode</a>	Name: <a href="#">primaryScramblingCode</a> OID : <a href="#">ts32-644Attribute 8</a>	==
<a href="#">primaryCpichPower</a>	Name: <a href="#">primaryCpichPower</a> OID : <a href="#">ts32-644Attribute 9</a>	==
<a href="#">maximumTransmissionPower</a>	Name: <a href="#">maximumTransmissionPower</a> OID : <a href="#">ts32-644Attribute 10</a>	==
<a href="#">primarySchPower</a>	Name: <a href="#">primarySchPower</a> OID : <a href="#">ts32-644Attribute 11</a>	==
<a href="#">secondarySchPower</a>	Name: <a href="#">secondarySchPower</a> OID : <a href="#">ts32-644Attribute 12</a>	==
<a href="#">bchPower</a>	Name: <a href="#">bchPower</a> OID : <a href="#">ts32-644Attribute 13</a>	==
<a href="#">lac</a>	Name: <a href="#">lac</a> OID : <a href="#">ts32-644Attribute 14</a>	==
<a href="#">rac</a>	Name: <a href="#">rac</a> OID : <a href="#">ts32-644Attribute 15</a>	==
<a href="#">sac</a>	Name: <a href="#">sac</a> OID : <a href="#">ts32-644Attribute 16</a>	==
<a href="#">ura</a>	==	Name: <a href="#">ura</a> OID : <a href="#">ts32-644Attribute 17</a>
<a href="#">utranRelationId</a>	Name: <a href="#">utranRelationId</a> OID : <a href="#">ts32-644Attribute 18</a>	==
<a href="#">relationType</a>	==	Name: <a href="#">relationType</a> OID : <a href="#">ts32-644Attribute 19</a>
<a href="#">adjacentCell</a>	Name: <a href="#">adjacentCell</a> OID : <a href="#">ts32-644Attribute 20</a>	==
<a href="#">externalUtranCellId</a>	Name: <a href="#">externalUtranCellId</a> OID : <a href="#">ts32-644Attribute 21</a>	==
<a href="#">rncFunctionId</a>	Name: <a href="#">rncFunctionId</a> OID : <a href="#">ts32-644Attribute 22</a>	==
<a href="#">utranCellId</a>	Name: <a href="#">utranCellId</a> OID : <a href="#">ts32-644Attribute 23</a>	==
<a href="#">utranCell2iubLink</a>	Name: <a href="#">utranCell2iubLink</a> OID : <a href="#">ts32-644Attribute 24</a>	==
<a href="#">iubLinkId</a>	Name: <a href="#">iubLinkId</a> OID : <a href="#">ts32-644Attribute 25</a>	==
<a href="#">iubLink2nodeBFunction</a>	Name: <a href="#">iubLink2nodeBFunction</a> OID : <a href="#">ts32-644Attribute 26</a>	==
<a href="#">iubLink2utranCell</a>	Name: <a href="#">iubLink2utranCell</a> OID : <a href="#">ts32-644Attribute 27</a>	==
<a href="#">nodeBFunctionId</a>	Name: <a href="#">nodeBFunctionId</a> OID : <a href="#">ts32-644Attribute 28</a>	==
<a href="#">nodeB2iubLink</a>	Name: <a href="#">nodeB2iubLink</a> OID : <a href="#">ts32-644Attribute 29</a>	==
<a href="#">uraList</a>	Name: <a href="#">uraList</a> OID : <a href="#">ts32-644Attribute 30</a>	==
<b>Parameters</b>		
<b>Name Bindings</b>		
<a href="#">rncFunction-managedElement</a>	Name: <a href="#">rncFunctionR55-managedElement</a> OID : <a href="#">ts32-644NameBinding 15</a>	Name: <a href="#">rncFunction-managedElement</a> OID : <a href="#">ts32-644NameBinding 1</a>
<a href="#">nodeBFunction-managedElement</a>	Name: <a href="#">nodeBFunction-managedElement</a> OID : <a href="#">ts32-644NameBinding 2</a>	==
<a href="#">utranCell-rncFunction</a>	Name: <a href="#">utranCellR55-rncFunctionR55</a> OID : <a href="#">ts32-644NameBinding 17</a>	Name: <a href="#">utranCellR54-rncFunction</a> OID : <a href="#">ts32-644NameBinding 12</a> Name: <a href="#">utranCell-rncFunction</a> OID : <a href="#">ts32-644NameBinding 3</a>
<a href="#">utranRelation-utranCell</a>	Name: <a href="#">utranRelation-utranCellR55</a> OID : <a href="#">ts32-644NameBinding 18</a>	Name: <a href="#">utranRelation-utranCellR54</a> OID : <a href="#">ts32-644NameBinding 13</a> Name: <a href="#">utranRelation-utranCell</a> OID : <a href="#">ts32-644NameBinding 4</a>
<a href="#">externalUtranCell - subNetwork</a>	Name: <a href="#">externalUtranCellR506-subNetwork</a> OID : <a href="#">ts32-644NameBinding 50506</a>	Name: <a href="#">externalUtranCell-subNetwork</a> OID : <a href="#">ts32-644NameBinding 5</a>
<a href="#">vsDataContainer-rncFunction</a>	==	Name: <a href="#">vsDataContainer-rncFunction</a> OID : <a href="#">ts32-644NameBinding 6</a>

<a href="#">vsDataContainer-nodeBFunction</a>	--	<a href="#">Name: vsDataContainer-nodeBFunction</a> <a href="#">OID : ts32-644NameBinding 7</a>
<a href="#">vsDataContainer-utranCell</a>	--	<a href="#">Name: vsDataContainer-utranCell</a> <a href="#">OID : ts32-644NameBinding 8</a>
<a href="#">vsDataContainer-utranRelation</a>	--	<a href="#">Name: vsDataContainer-utranRelation</a> <a href="#">OID : ts32-644NameBinding 9</a>
<a href="#">iubLink-rncFunction</a>	<a href="#">Name: iubLink-rncFunctionR55</a> <a href="#">OID : ts32-644NameBinding 16</a>	<a href="#">Name: iubLink-rncFunction</a> <a href="#">OID : ts32-644NameBinding 10</a>
<a href="#">gsmRelation-utranCell</a>	<a href="#">Name: gsmRelation-utranCellR55</a> <a href="#">OID : ts32-644NameBinding 19</a>	<a href="#">Name: gsmRelation-utranCellR54</a> <a href="#">OID : ts32-644NameBinding 14</a> <a href="#">Name: gsmRelation-utranCell</a> <a href="#">OID : ts32-644NameBinding 11</a>

## Annex **BA** (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2001	S_12	SP-010283	--	--	Approved at TSG SA #12 and placed under Change Control	2.0.0	4.0.0
Sep 2001	S_13	SP-010478	001	--	Correction due to TS renumbering	4.0.0	4.1.0
Sep 2002	--	--	--	--	Cosmetics/Styles	4.1.0	4.1.1
Dec 2002	S_18	SP-020749	007	--	Alignment of the CMIP SS with the Rel-5 version of the IS in 32.642	4.1.1	5.0.0
Jun 2003	S_20	SP-030283	003	--	Removal of relationType	5.0.0	5.1.0
Sep 2003	S_21	SP-030420	004	--	Correction of wrong attribute name	5.1.0	5.2.0
Dec 2003	S_22	SP-030646	009	--	Correction of the number of possible URAs from 1 to 8	5.2.0	5.3.0
Dec 2003	S_22	SP-030642	010	--	Add notifications to functional objects - Align with 32.642 (IS)	5.2.0	5.3.0
Mar 2004	S_23	SP-040132	011	--	Correction of OIDs of the MOCs, packages and attributes affected by the change from ura to uraList	5.3.0	5.4.0
Jun 2004	S_24	SP-040255	012	--	Correction of type of the attributes cld, localCellId and rncld	5.4.0	5.5.0
Jun 2004	S_24	SP-040254	013	--	The specification does not support all UMTS frequency bands	5.4.0	5.5.0

**End of Change in Annex 4, 5, 6, Annex A, Annex B**