Source:	**SA5 (Telecom Management)**
Title:	**4 Rel-5 CR 32.624/34/33/54 (Configuration Management; Generic/ Core/ UTRAN / GERAN network resources IRP CMIP SSs) : Add/Remove notifications to functional objects - Align with 32.622/32/42/52 (ISs)**
Document for:	**Decision**
Agenda Item:	**7.5.3**

Doc-1st-	Spec	CR	Phase	Subject	Cat	Ver	Doc-2nd-	Status	WI
SP-030642	32.624	012	Rel-5	Remove notifications from MOC managedFunction - Align with 32.622 (IS)	F	5.1.0	S5-038763	Agreed	OAM-NIM
SP-030642	32.634	003	Rel-5	Add notifications to functional objects - Align with 32.632 (IS)	F	5.0.0	S5-038791	Agreed	OAM-NIM
SP-030642	32.644	010	Rel-5	Add notifications to functional objects - Align with 32.642 (IS)	F	5.2.0	S5-038765	Agreed	OAM-NIM
SP-030642	32.654	008	Rel-5	Add notifications to functional objects - Align with 32.652 (IS)	F	5.2.0	S5-038766	Agreed	OAM-NIM

CR-Form-v7

CHANGE REQUEST

⌘	**32.624** CR **012**	⌘**rev**	**-**	⌘	Current version:	**5.1.0**	⌘

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

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

Title: ⌘	Remove notifications from MOC managedFunction - Align with 32.622 (IS)	
Source: ⌘	SA5 (olaf.pollakowski@siemens.com)	
Work item code: ⌘	OAM-NIM	***Date:*** ⌘ 21/11/2003

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

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

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

Reason for change: ⌘	The IOC ManagedFunction does not support notifications on IS level, whereas it does in the CMIP SS.
Summary of change: ⌘	The notifications are removed from the MOC managedFunction
Consequences if not approved: ⌘	The CMIP SS is not aligned with the IS.

Clauses affected: ⌘	5

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

Other comments: ⌘	

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Change in Clause 5

</div>

5 GDMO Definitions

5.1 Managed Object Classes

5.1.1 subNetwork

```
subNetwork MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        subNetworkBasicPackage;
    CONDITIONAL PACKAGES
        "Recommendation M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notifications defined in Recommendation X.721
                are supported by an instance of this class.",
        "Recommendation M.3100: 1995":environmentalAlarmPackage
            PRESENT IF
               "the environmentalAlarm notifications defined in Recommendation X.721
                are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 1};
```

5.1.2 managedElement

```
managedElement MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        managedElementBasicPackage,
        managedElementAssociationPackage;
    CONDITIONAL PACKAGES
        rootOptionalPackage
            PRESENT IF
               "An instance of managedElement is the accessing root of a MIB.",
        "Recommendation M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
               "the objectCreation and the objectDeletion defined in Recommendation
                X.721 are supported by an instance of this class.",
        "Recommendation M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
               "the attributeValueChange notifications defined in Recommendation X.721
                are supported by an instance of this class.",
        "Recommendation M.3100: 1995":processingErrorAlarmPackage
            PRESENT IF
               "the processingErrorAlarm notifications defined in Recommendation X.721
                are supported by an instance of this class.",
        "Recommendation M.3100: 1995":environmentalAlarmPackage
            PRESENT IF
               "the environmentalAlarm notifications defined in Recommendation X.721
                are supported by an instance of this class.",
        communicationsAlarmPackage
            PRESENT IF
               "the communicationsAlarm notifications defined in Recommendation X.721
                are supported by an instance of this class.",
        equipmentAlarmPackage
            PRESENT IF
               "the equipmentAlarm notifications defined in Recommendation X.721
                are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 2};
```

5.1.3 managementNode

```
managementNode MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        managementNodeBasicPackage,
```

```
        managementNodeAssociationPackage;
    CONDITIONAL PACKAGES
        "Recommendation M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion defined in Recommendation
               X.721 are supported by an instance of this class.",
        "Recommendation M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
              "the attributeValueChange notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        "Recommendation M.3100: 1995":processingErrorAlarmPackage
            PRESENT IF
              "the processingErrorAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        "Recommendation M.3100: 1995":environmentalAlarmPackage
            PRESENT IF
              "the environmentalAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        communicationsAlarmPackage
            PRESENT IF
              "the communicationsAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        equipmentAlarmPackage
            PRESENT IF
              "the equipmentAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 3};
```

5.1.4   irpAgent

```
irpAgent MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        irpAgentBasicPackage;
    CONDITIONAL PACKAGES
        "Recommendation M.3100: 1995":processingErrorAlarmPackage
            PRESENT IF
              "the processingErrorAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        communicationsAlarmPackage
            PRESENT IF
              "the communicationsAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 4};
```

5.1.5   managedFunction

```
managedFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        managedFunctionBasicPackage;
    CONDITIONAL PACKAGES
        "Recommendation M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
              "the objectCreation and the objectDeletion defined in Recommendation
               X.721 are supported by an instance of this class.",
        "Recommendation M.3100: 1995":attributeValueChangeNotificationPackage
            PRESENT IF
              "the attributeValueChange notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        "Recommendation M.3100: 1995":processingErrorAlarmPackage
            PRESENT IF
              "the processingErrorAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        communicationsAlarmPackage
            PRESENT IF
              "the communicationsAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.",
        qualityOfServiceAlarmPackage
            PRESENT IF
              "the qualityOfServiceAlarm notifications defined in Recommendation X.721
               are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 5};
```

5.1.6   meContext

```
meContext MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        meContextBasicPackage;
    CONDITIONAL PACKAGES
        rootOptionalPackage
            PRESENT IF
                "An instance of meContext is the accessing root of a MIB.",
        "Recommendation M.3100: 1995":createDeleteNotificationsPackage
            PRESENT IF
                "the objectCreation and the objectDeletion defined in Recommendation
                X.721 are supported by an instance of this class.";
REGISTERED AS {ts32-624ObjectClass 6};
```

5.2   Packages

5.2.1   subNetworkBasicPackage

```
subNetworkBasicPackage PACKAGE
    BEHAVIOUR
        subNetworkBasicPackageBehaviour;
    ATTRIBUTES
        subNetworkId                              GET,
        "Recommendation X.721: 1992": systemTitle   GET,
        "Recommendation M.3100: 1995" : userLabel  GET-REPLACE,
        userDefinedNetworkType                    GET;
REGISTERED AS {ts32-624Package 1};

subNetworkBasicPackageBehaviour BEHAVIOUR
DEFINED AS
        "This managed object class represents collections of interconnected
        telecommunications and management objects (logical or physical) capable of
        exchanging information. A network may be nested within another (larger) network,
        thereby forming a containment relationship.";
```

5.2.2   managedElementBasicPackage

```
managedElementBasicPackage PACKAGE
    BEHAVIOUR
        managedElementBasicPackageBehaviour;
    ATTRIBUTES
        managedElementId                          GET,
        managedElementType                        GET,
        userDefinedState                          GET-REPLACE,
        "Recommendation M.3100: 1995" : userLabel   GET-REPLACE,
        "Recommendation M.3100: 1995" : vendorName  GET,
        "Recommendation M.3100: 1995" : locationName GET,
        swVersion                                 GET;
REGISTERED AS {ts32-624Package 2};

managedElementBasicPackageBehaviour BEHAVIOUR
    DEFINED AS
        "This managed object class represents telecommunications equipment within the
        telecommunications network that performs managed element functions, i.e.
        provides support and/or service to the subscriber. A managed element
        communicates with a manager (directly or indirectly) over one or more standard
        interfaces for the purpose of being monitored and/or controlled. A managed
        element contains equipment that may or may not be geographically distributed. A
        Managed Element is often referred to as a 'node' or a 'network element'.";
```

5.2.3   managedElementAssociationPackage

```
managedElementAssociationPackage PACKAGE
    BEHAVIOUR
        managedElementAssociationPackageBehaviour;
    ATTRIBUTES
        meManagedBy   GET;
```

```
REGISTERED AS {ts32-624Package 3};

managedElementAssociationPackageBehaviour BEHAVIOUR
    DEFINED AS
        "The attribute 'meManagedBy' points to the managmentNode instance which
        manages this managedElement instance. It implements the attribute managedBy
        of MOC ManagedElement defined in TS32.622.";
```

5.2.4 managementNodeBasicPackage

```
managementNodeBasicPackage PACKAGE
    ATTRIBUTES
        managementNodeId                            GET,
        userDefinedState                            GET-REPLACE,
        "Recommendation M.3100: 1995" : userLabel      GET-REPLACE,
        "Recommendation M.3100: 1995" : vendorName     GET,
        "Recommendation M.3100: 1995" : locationName   GET,
        swVersion                                   GET;
REGISTERED AS {ts32-624Package 4};

managementNodeBasicPackageBehaviour BEHAVIOUR
    DEFINED AS
        "This managed object class represents a telecommunications management system (EM
        or NM) within the TMN, that manages a number of Managed Elements. The management
        system communicates with the MEs directly or indirectly over one or more
        standard interfaces for the purpose of monitoring and/or controlling these MEs.";
```

5.2.5 managementNodeAssociationPackage

```
managementNodeAssociationPackage PACKAGE
    BEHAVIOUR
        managementNodeAssociationPackageBehaviour;
    ATTRIBUTES
        mnManagesList   GET;
REGISTERED AS {ts32-624Package 5};

managementNodeAssociationPackageBehaviour BEHAVIOUR
    DEFINED AS
        "The attribute 'mnManagesList' points to all managedElement instances which
        this managementNode instance manages. It implements the attribute manages of
        MOC ManagementNode defined in TS32.622.";
```

5.2.6 irpAgentBasicPackage

```
irpAgentBasicPackage PACKAGE
    BEHAVIOUR
        irpAgentBasicPackageBehaviour;
    ATTRIBUTES
        irpAgentId                                  GET,
        "Recommendation M.3100: 1995" : userLabel   GET-REPLACE,
        supportedIRPs                               GET;
REGISTERED AS {ts32-624Package 6};

irpAgentBasicPackageBehaviour BEHAVIOUR
    DEFINED AS
        "irpAgent may have only one instance in R99 and R4. The instance of this MOC represents
         the behavior of an IRP Agent which implements one or more IRPs";
```

5.2.7 managedFunctionBasicPackage

```
managedFunctionBasicPackage PACKAGE
    BEHAVIOUR
        managedFunctionBasicPackageBehaviour;
    ATTRIBUTES
        "Recommendation M.3100: 1995" : userLabel   GET-REPLACE;
REGISTERED AS {ts32-624Package 7};

managedFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
        "This Managed Object class corresponds to the class gsmManagedFunction defined
        in GSM 12.20 0 and is provided for sub-classing only. It provides the attributes
        that are common to functional MO classes. Note that a managed element may
```

```
    contain several managed functions. The ManagedFunction may be extended in the
    future if more common characteristics to functional objects are identified.";
```

5.2.8   meContextBasicPackage

```
meContextBasicPackage PACKAGE
   BEHAVIOUR
      meContextBasicPackageBehaviour;
   ATTRIBUTES
      meContextId   GET;
REGISTERED AS {ts32-624Package 8};
```

```
meContextBasicPackageBehaviour BEHAVIOUR
DEFINED AS
      "This managed object class represents the Managed Element from the network
      perspective. It can be used to hold surveillance status information, and also
      planning status information for the case when the managed element is part of a
      planned configuration in a management system, before it has been taken into
      service. It can also support unambiguous naming in all cases, also for scenarios
      when the Managed Elements have been pre-configured where some of them may have
      equal names (to avoid necessary administration to make all of them globally
      unique at creation/installation time). Thus, by means of globally unique names
      for the MEContext instances, and by using these in the DN, the DNs for all MEs
      (and MOIs contained in them) can be assured to be globally unique, even in such
      a scenario as described above.";
```

5.2.9   ~~Void~~communicationsAlarmPackage

```
communicationsAlarmPackage PACKAGE
   NOTIFICATIONS
      "Recommendation X.721:1992": communicationsAlarm;
REGISTERED AS {ts32-624Package 9};
```

5.2.10 ~~Void~~equipmentAlarmPackage

```
equipmentAlarmPackage PACKAGE
   NOTIFICATIONS
      "Recommendation X.721:1992": equipmentAlarm;
REGISTERED AS {ts32-624Package 10};
```

5.2.11 ~~Void~~qualityOfServiceAlarmPackage

```
qualityOfServiceAlarmPackage PACKAGE
   NOTIFICATIONS
      "Recommendation X.721:1992": qualityofServiceAlarm;
REGISTERED AS {ts32-624Package 11};
```

5.2.12 rootOptionalPackage

```
rootOptionalPackage PACKAGE
   BEHAVIOUR
      rootOptionalPackageBehaviour;
   ATTRIBUTES
      "Recommendation X.721: 1992" : systemTitle   GET;
REGISTERED AS {ts32-624Package 12};
```

```
rootOptionalPackageBehaviour BEHAVIOUR
DEFINED AS
      "This package shall be present in an instance of meContext or managedElement when it is
      the accessing point (root) of a MIB.";
```

5.3   Attributes

5.3.1   managedElementType

```
managedElementType ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.ManagedElementType;
```

```
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      managedElementTypeBehaviour;
REGISTERED AS {ts32-624Attribute 1};

managedElementTypeBehaviour BEHAVIOUR
DEFINED AS
      "This attribute specifies which managed functions a managed element contains.";
```

5.3.2 subNetworkId

```
subNetworkId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      subNetworkIdBehaviour;
REGISTERED AS {ts32-624Attribute 2};

subNetworkIdBehaviour BEHAVIOUR
DEFINED AS
      "This attribute identifies a subNetwork instance.";
```

5.3.3 Void

5.3.4 Void

5.3.5 Void

5.3.6 Void

5.3.7 Void

5.3.8 Void

5.3.9 userDefinedNetworkType

```
userDefinedNetworkType ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.UserDefinedNetworkType;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      userDefinedNetworkTypeBehaviour;
REGISTERED AS {ts32-624Attribute 8};

userDefinedNetworkTypeBehaviour BEHAVIOUR
DEFINED AS
      "Textual information regarding the type of network, e.g. UTRAN.";
```

5.3.10 swVersion

```
swVersion ATTRIBUTE
```

```
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.SwVersion;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      swVersionBehaviour;
REGISTERED AS {ts32-624Attribute 9};

swVersionBehaviour BEHAVIOUR
DEFINED AS
      "The software version of the managed element (this is used for determin which version of
      the vendor specific information that is valid for the managed element).";
```

5.3.11 managedElementId

```
managedElementId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      managedElementIdBehaviour;
REGISTERED AS {ts32-624Attribute 10};

managedElementIdBehaviour BEHAVIOUR
   DEFINED AS
      "This attribute names an instance of the '3gManagedElement' object class.";
```

5.3.12 userDefinedState

```
userDefinedState ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.UserDefinedState;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      userDefinedStateBehaviour;
REGISTERED AS {ts32-624Attribute 11};

userDefinedStateBehaviour BEHAVIOUR
DEFINED AS
      "This attribute specifies an operator defined state for operator specific usage.";
```

5.3.13 meManagedBy

```
meManagedBy ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectPointer;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      meManagedByBehaviour;
REGISTERED AS {ts32-624Attribute 12};

meManagedByBehaviour BEHAVIOUR
DEFINED AS
      "This attribute points to the managementNode instance which manages the
      related 3gManagedElement instance.";
```

5.3.14 managementNodeId

```
managementNodeId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      managmentNodeIdBehaviour;
REGISTERED AS {ts32-624Attribute 13};

managmentNodeIdBehaviour BEHAVIOUR
DEFINED AS
      "This attribute names an instance of the 'managmentNode' object class.";
```

5.3.15 mnManagesList

```
mnManagesList ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectPointerList;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      mnManagesListBehaviour;
REGISTERED AS {ts32-624Attribute 14};

mnManagesListBehaviour BEHAVIOUR
DEFINED AS
      "This attribute points to all 3gManagedElement instances which this
      3gManagmentNode instance manages.";
```

5.3.16 irpAgentId

```
irpAgentId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      irpAgentIdBehaviour;
REGISTERED AS {ts32-624Attribute 15};

irpAgentIdBehaviour BEHAVIOUR
DEFINED AS
      "This attribute identifies an irpAgent instance.";
```

5.3.17 supportedIRPs

```
supportedIRPs ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.SupportedIRPs;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      supportedIRPsBehaviour;
REGISTERED AS {ts32-624Attribute 16};

supportedIRPsBehaviour BEHAVIOUR
DEFINED AS
      "This attribute provides the information about IRPs an IRPAgent supports.";
```

5.3.18 meContextId

```
meContextId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-624TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      meContextIdBehaviour;
REGISTERED AS {ts32-624Attribute 17};

meContextIdBehaviour BEHAVIOUR
DEFINED AS
      "This attribute names an instance of the 'MEContext' object class.";
```

5.3.19 Void

5.4 Name Binding

5.4.1 managedElement - meContext

```
managedElement-meContext NAME BINDING
   SUBORDINATE OBJECT CLASS
      managedElement;
   NAMED BY SUPERIOR OBJECT CLASS
      meContext;
   WITH ATTRIBUTE
      managedElementId;
   BEHAVIOUR
      managedElement-meContextBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 1};

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

5.4.2 managedElement - subNetwork

```
managedElement-subNetwork NAME BINDING
   SUBORDINATE OBJECT CLASS
      managedElement;
   NAMED BY SUPERIOR OBJECT CLASS
      subNetwork;
   WITH ATTRIBUTE
      managedElementId;
   BEHAVIOUR
      managedElement-subNetworkBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 2};

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

5.4.3 meContext - subNetwork

```
meContext-subNetwork NAME BINDING
   SUBORDINATE OBJECT CLASS
      meContext;
   NAMED BY SUPERIOR OBJECT CLASS
      subNetwork;
   WITH ATTRIBUTE
      meContextId;
   BEHAVIOUR
      meContext-subNetworkBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 3};

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

5.4.4 Void

5.4.5 irpAgent - subNetwork

```
irpAgent-subNetwork NAME BINDING
    SUBORDINATE OBJECT CLASS
        irpAgent;
    NAMED BY SUPERIOR OBJECT CLASS
        subNetwork;
    WITH ATTRIBUTE
        irpAgentId;
    BEHAVIOUR
        irpAgent-subNetworkBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 5};

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

5.4.6 irpAgent - managementNode

```
irpAgent-managementNode NAME BINDING
    SUBORDINATE OBJECT CLASS
        irpAgent;
    NAMED BY SUPERIOR OBJECT CLASS
        managementNode;
    WITH ATTRIBUTE
        irpAgentId;
    BEHAVIOUR
        irpAgent-managementNodeBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 6};

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

5.4.7 managementNode - subNetwork

```
managementNode-subNetwork NAME BINDING
    SUBORDINATE OBJECT CLASS
        managementNode;
    NAMED BY SUPERIOR OBJECT CLASS
        subNetwork;
    WITH ATTRIBUTE
        managementNodeId;
    BEHAVIOUR
        managementNode-subNetworkBehaviour;
    CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 7};

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

5.4.8   irpAgent - managedElement

```
irpAgent-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS irpAgent;
    NAMED BY SUPERIOR OBJECT CLASS managedElement;
    WITH ATTRIBUTE irpAgentId;
    BEHAVIOUR
       irpAgent-managedElementBehaviour;
    CREATE WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 8};

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

5.4.9   Void

5.4.10 Void

5.4.11 subNetwork - subNetwork

```
subNetwork-subNetwork NAME BINDING
    SUBORDINATE OBJECT CLASS
       subNetwork;
    NAMED BY SUPERIOR OBJECT CLASS
       subNetwork;
    WITH ATTRIBUTE
       subNetworkId;
    BEHAVIOUR
       subNetwork-subNetworkBehaviour;
    CREATE
       WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
       ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-624NameBinding 11};

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

5.4.12 Void

5.4.13 Void

5.4.14 Void

End of Change in Clause 5
End of Document

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 2001	S_13	SP-010479	002	--	Change the attribute "systemTitle" from mandatory to optional		4.0.0	4.1.0
Dec 2001	S_14	SP-010648	003	--	Change to Read/Write the attribute "userDefinedState" in MOC "ManagementNode"		4.1.0	4.2.0
Mar 2002	S_15	SP-020021	004	--	Removal of redundant GDMO/ASN.1 Code		4.2.0	4.3.0
Mar 2002	S_15	SP-020021	005	--	Making 'elementType' consistent		4.2.0	4.3.0
Mar 2002	S_15	SP-020021	006	--	Change the attribute "userLabel" from Read-Only to Read-Write		4.2.0	4.3.0
Jun 2002	S_16	SP-020300	007	--	Making 32.624 (CMIP SS) consistent with 32.622 (IS) and 32.623 (CORBA SS)		4.3.0	4.4.0
Jun 2002	S_16	SP-020300	008	--	Align with 32.622 (IS) by changing "userDefinedState" from read-only to read-write		4.3.0	4.4.0
Sep 2002	S_17	SP-020488	009	--	Upgrade the NRM CMIP Solution Set to Rel-5		4.4.0	5.0.0
Sep 2003	S_21	SP-030417	011	--	Rel-4/5 alignment of OIDs of some attributes and name bindings		5.0.0	5.1.0

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.634** CR **003** | ⌘**rev** | **-** | ⌘ | Current version: | **5.0.0** | ⌘ |

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

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

Title: ⌘	Add notifications to functional objects - Align with 32.632 (IS)	
Source: ⌘	SA5 (olaf.pollakowski@siemens.com)	
Work item code:⌘	OAM-NIM	***Date:*** ⌘ 21/11/2003
Category: ⌘	**F**	***Release:*** ⌘ Rel-5

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

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

Reason for change: ⌘	In the CMIP SS the functional MOCs inherit support for notifications from managedFunction, whereas on IS level support for notifications is not inherited but directly specified for each functional IOC.
Summary of change:⌘	Support for notifications is directly specified for each functional object.
Consequences if not approved: ⌘	The CMIP SS is not aligned with the IS.

Clauses affected: ⌘	5

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

Other comments: ⌘	

Change in Clause 5

5 GDMO Definitions

5.1 Information Object Classes

5.1.1 smlcFunction

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

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


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

5.2.10   mnpSrfFunctionBasicPackage

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


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

5.2.11   npdbFunctionBasicPackage

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


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

5.2.12   rSgwFunctionBasicPackage

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


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

5.2.13   ssfFunctionBasicPackage

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


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

5.2.14   bsFunctionBasicPackage

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


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

5.2.15   aucFunctionBasicPackage

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


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

5.2.16   bgFunctionBasicPackage

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


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

5.2.17   eirFunctionBasicPackage

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


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

5.2.18   ggsnFunctionBasicPackage

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


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

5.2.19 hlrFunctionBasicPackage

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


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

5.2.20 mscServerFunctionBasicPackage

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


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

5.2.21 mscServerFunctionAssociationPackage

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


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

5.2.22 sgsnFunctionBasicPackage

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


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

5.2.23 sgsnFunctionAssociattionPackage

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


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

5.2.24 smsGmscFunctionBasicPackage

```
smsGmscFunctionBasicPackage PACKAGE
    BEHAVIOUR
        smsGmscFunctionBasicPackageBehaviour;
    ATTRIBUTES
        smsGmscFunctionId      GET;
REGISTERED AS {ts32-634Package 24};


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

5.2.25 smsIwmscFunctionBasicPackage

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


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

5.2.26 vlrFunctionBasicPackage

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


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

5.2.27 gbLinkBasicPackage

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


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

5.2.28   gbLinkAssociationPackage

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


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

5.2.29   aLinkBasicPackage

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


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

5.2.30   aLinkAssociationPackage

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


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

5.2.31   iucsLinkBasicPackage

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

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

5.2.32   iucsLinkAssociationPackage

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

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

5.2.33   iupsLinkBasicPackage

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


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

5.2.34   iupsLinkAssociationPackage

```
iupsLinkAssociationPackage PACKAGE
    BEHAVIOUR
        iupsLinkAssociationPackageBehaviour;
    ATTRIBUTES
        connectedRnc       GET,
        connectedBss       GET;
REGISTERED AS {ts32-634Package 34};


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

5.2.35   iubcLinkBasicPackage

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


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

5.2.36   iubcLinkAssociationPackage

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


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

5.2.37   csMgwFunctionBasicPackage

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


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

5.2.38   csMgwFunctionAssociationPackage

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


csMgwFunctionAssociationPackageBehaviour BEHAVIOUR

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

5.2.39   gmscServerFunctionBasicPackage

```
gmscServerFunctionBasicPackage PACKAGE
    BEHAVIOUR
        gmscServerFunctionBasicPackageBehaviour;
    ATTRIBUTES
        gmscServerFunctionId      GET;
REGISTERED AS {ts32-634Package 39};


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

5.3   Attributes

5.3.1   smlcFunctionId

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


smlcFunctionIdBehaviour BEHAVIOUR

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

5.3.2   gmlcFunctionId

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


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

5.3.3   scfFunctionId

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

```
    scfFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 3};

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

5.3.4   srfFunctionId

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

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

5.3.5   cbcFunctionId

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

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

5.3.6   cgfFunctionId

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

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

5.3.7   mgwFunctionId

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

mgwFunctionIdBehaviour BEHAVIOUR
DEFINED AS
   "This attribute identifies a mgwFunction instance.";
```

5.3.8   gmscFunctionId

```
gmscFunctionId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
```

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

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

## 5.3.9	iwfFunctionId

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

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

## 5.3.10	mnpSrfFunctionId

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

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

## 5.3.11	npdbFunctionId

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

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

## 5.3.12	rSgwFunctionId

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

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

5.3.13　ssfFunctionId

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

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

5.3.14　bsFunctionId

```
bsFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        bsFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 14};

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

5.3.15　aucFunctionId

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

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

5.3.16　bgFunctionId

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

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

5.3.17　eirFunctionId

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

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

5.3.18   ggsnFunctionId

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

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

5.3.19   hlrFunctionId

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

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

5.3.20   mscServerFunctionId

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

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

5.3.21   vlrFunctionId

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

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

5.3.22   sgsnFunctionId

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

```
    BEHAVIOUR
        sgsnFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 22};

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

5.3.23   smsGmscFunctionId

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

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

5.3.24   smsIwmscFunctionId

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

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

5.3.25   gbLinkId

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

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

5.3.26   aLinkId

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

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

5.3.27   iucsLinkId

```
iucsLinkId ATTRIBUTE
```

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


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

5.3.28   iupsLinkId

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


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

5.3.29   iubcLinkId

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


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

5.3.30   csMgwFunctionId

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


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

5.3.31   gmscServerFunctionId

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


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

5.3.32　mccList

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

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

5.3.33　mncList

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

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

5.3.34　lacList

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

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

5.3.35　sacList

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

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

5.3.36　uraList

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

uraListBehaviour BEHAVIOUR
```

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

5.3.37   gcaList

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

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

5.3.38   mscId

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

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

5.3.39   mscServerFunction-GSMcell

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

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

5.3.40   mscServerFunction-ExternalGSMcell

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

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

5.3.41   mscServerFunction-CsMgwFunction

mscServerFunction-CsMgwFunction **ATTRIBUTE**
   WITH ATTRIBUTE SYNTAX

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

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

5.3.42   racList

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

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

5.3.43   sgsnId

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

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

5.3.44   sgsnFunction-GSMcell

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

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

5.3.45   sgsnFunction-ExternalGSMcell

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

sgsnFunction-ExternalGSMcellBehaviour BEHAVIOUR
DEFINED AS
    "This value contains the DN of the related ExternalGSMcell instance. This is a reference
```

```
      attribute modelling the role (of the association AssociatedWith) that this SgsnFunction
      is associated with to 0-* ExternalGSMcell.";
```

5.3.46   connectedBss

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

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

5.3.47   connectedRnc

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

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

5.3.48   csMgwFunction-MscServerFunction

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

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

5.3.49   csMgwFunction-IucsLink

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

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

5.3.50 csMgwFunction-ALink

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

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

5.4 Name Binding

5.4.1 smlcFunction - managedElement

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

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

5.4.2 gmlcFunction - managedElement

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

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

5.4.3 scfFunction - managedElement

```
scfFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        scfFunction;
    NAMED BY SUPERIOR OBJECT CLASS
```

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

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

5.4.4 srfFunction - managedElement

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

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

5.4.5 cbcFunction - managedElement

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

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

5.4.6 cgfFunction - managedElement

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

```
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 6};

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

5.4.7　　mgwFunction - managedElement

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

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

5.4.8　　gmscFunction - managedElement

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

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

5.4.9　　iwfFunction - managedElement

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

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

5.4.10   mnpSrfFunction - managedElement

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

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

5.4.11   npdbFunction - managedElement

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

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

5.4.12   rSgwFunction - managedElement

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

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

```
    a local matter.";
```

5.4.13   ssfFunction - managedElement

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


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

5.4.14   bsFunction - managedElement

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

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

5.4.15   aucFunction - managedElement

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

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

5.4.16 bgFunction - managedElement

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


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

5.4.17 eirFunction - managedElement

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


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

5.4.18 ggsnFunction - managedElement

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


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

5.4.19 hlrFunction - managedElement

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

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


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

5.4.20   mscServerFunction - managedElement

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


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

5.4.21   vlrFunction - managedElement

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


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

5.4.22   sgsnFunction - managedElement

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

```
    BEHAVIOUR
        sgsnFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 22};

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

5.4.23   smsGmscFunction - managedElement

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

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

5.4.24   smsIwmscFunction - managedElement

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

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

5.4.25   gbLink - managedElement

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

```
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-634NameBinding 25};


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

5.4.26   aLink - managedElement

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

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

5.4.27   iucsLink - managedElement

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

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

5.4.28   iupsLink - managedElement

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


iupsLink-managedElementBehaviour BEHAVIOUR
DEFINED AS
```

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

5.4.29   iubcLink - managedElement

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

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

5.4.30   gmscServerFunction - managedElement

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

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

5.4.31   csMgwFunction - managedElement

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

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

5 GDMO Definitions

5.1 Information Object Classes

5.1.1 smlcFunction

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

5.1.2 gmlcFunction

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

5.1.3 scfFunction

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

5.1.4 srfFunction

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

5.1.5 cbcFunction

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

5.1.6 cgfFunction

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

5.1.7 mgwFunction

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

5.1.8 gmscFunction

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

5.1.9 iwfFunction

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

5.1.10 mnpSrfFunction

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

5.1.11 npdbFunction

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

5.1.12 rSgwFunction

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

5.1.13 ssfFunction

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

5.1.14   bsFunction

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

5.1.15   aucFunction

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

5.1.16   bgFunction

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

5.1.17   eirFunction

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

5.1.18   ggsnFunction

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

5.1.19   hlrFunction

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

5.1.20   mscServerFunction

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

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

5.1.21   sgsnFunction

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

5.1.22   smsGmscFunction

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

5.1.23   smsIwmscFunction

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

5.1.24   vlrFunction

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

5.1.25   gbLink

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

5.1.26   aLink

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

5.1.27   iucsLink

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

5.1.28   iupsLink

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

5.1.29   iubcLink

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

5.1.30   csMgwFunction

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

5.1.31   GmscServerFunction

```
gmscServerFunction MANAGED OBJECT CLASS
                DERIVED FROM
                        "3GPP TS 32.624 Release 5":  managedFunction;
                CHARACTERIZED BY
                        gmscServerFunctionBasicPackage;
REGISTERED AS {ts32-634ObjectClass 31};
```

5.2 Packages

5.2.1   smlcFunctionBasicPackage

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

smlcFunctionBasicPackageBehaviour BEHAVIOUR
                DEFINED AS
```

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

5.2.2   gmlcFunctionBasicPackage

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

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

5.2.3   scfFunctionBasicPackage

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

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

5.2.4   srfFunctionBasicPackage

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

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

5.2.5   cbcFunctionBasicPackage

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

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

5.2.6 cgfFunctionBasicPackage

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

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

5.2.7 mgwFunctionBasicPackage

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

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

5.2.8 gmscFunctionBasicPackage

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

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

5.2.9 iwfFunctionBasicPackage

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

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

5.2.10 mnpSrfFunctionBasicPackage

```
mnpSrfFunctionBasicPackage PACKAGE
```

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

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

5.2.11   npdbFunctionBasicPackage

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

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

5.2.12   rSgwFunctionBasicPackage

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

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

5.2.13   ssfFunctionBasicPackage

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

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

5.2.14   bsFunctionBasicPackage

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

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

5.2.15   aucFunctionBasicPackage

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

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

5.2.16   bgFunctionBasicPackage

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

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

5.2.17   eirFunctionBasicPackage

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

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

5.2.18   ggsnFunctionBasicPackage

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

ggsnFunctionBasicPackageBehaviour BEHAVIOUR
                DEFINED AS
```

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

5.2.19   hlrFunctionBasicPackage

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

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

5.2.20   mscServerFunctionBasicPackage

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

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

5.2.21   mscServerFunctionAssociationPackage

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

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

5.2.22   sgsnFunctionBasicPackage

```
sgsnFunctionBasicPackage PACKAGE
                BEHAVIOUR
                        sgsnFunctionBasicPackageBehaviour;
                ATTRIBUTES
                        sgsnFunctionId  GET,
```

```
                          mccList          GET-REPLACE,
                          mncList          GET-REPLACE,
                          lacList          GET-REPLACE,
                          racList          GET-REPLACE,
                          sgsnId           GET-REPLACE,
                          mscId            GET-REPLACE;
REGISTERED AS {ts32-634Package 22};

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

5.2.23   sgsnFunctionAssociattionPackage

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

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

5.2.24   smsGmscFunctionBasicPackage

```
smsGmscFunctionBasicPackage PACKAGE
                BEHAVIOUR
                        smsGmscFunctionBasicPackageBehaviour;
                ATTRIBUTES
                        smsGmscFunctionId GET;
REGISTERED AS {ts32-634Package 24};

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

5.2.25   smsIwmscFunctionBasicPackage

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

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

5.2.26   vlrFunctionBasicPackage

```
vlrFunctionBasicPackage PACKAGE
                BEHAVIOUR
```

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

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

## 5.2.27	gbLinkBasicPackage

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

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

## 5.2.28	gbLinkAssociationPackage

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

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

## 5.2.29	aLinkBasicPackage

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

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

## 5.2.30	aLinkAssociationPackage

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

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

5.2.31 iucsLinkBasicPackage

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

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

5.2.32 iucsLinkAssociationPackage

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

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

5.2.33 iupsLinkBasicPackage

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

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

5.2.34 iupsLinkAssociationPackage

```
iupsLinkAssociationPackage PACKAGE
                 BEHAVIOUR
                          iupsLinkAssociationPackageBehaviour;
                 ATTRIBUTES
                 connectedRnc  GET,
                 connectedBss  GET;
REGISTERED AS {ts32-634Package 34};
```

```
iupsLinkAssociationPackageBehaviour BEHAVIOUR
```

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

5.2.35 iubcLinkBasicPackage

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

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

5.2.36 iubcLinkAssociationPackage

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

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

5.2.37 csMgwFunctionBasicPackage

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

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

5.2.38 csMgwFunctionAssociationPackage

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

csMgwFunctionAssociationPackageBehaviour **BEHAVIOUR**
     DEFINED AS

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

5.2.39　gmscServerFunctionBasicPackage

gmscServerFunctionBasicPackage **PACKAGE**
　　　　　　BEHAVIOUR
　　　　　　　　gmscServerFunctionBasicPackageBehaviour;
　　　　　　ATTRIBUTES
　　　　　　　　gmscServerFunctionId GET;
REGISTERED AS {ts32-634Package 39};

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

5.3　Attributes

5.3.1　smlcFunctionId

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

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

5.3.2　gmlcFunctionId

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

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

5.3.3　scfFunctionId

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

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

5.3.4 srfFunctionId

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

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

5.3.5 cbcFunctionId

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

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

5.3.6 cgfFunctionId

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

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

5.3.7 mgwFunctionId

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

mgwFunctionIdBehaviour BEHAVIOUR
                DEFINED AS
        "This attribute identifies a mgwFunction instance.";
```

5.3.8 gmscFunctionId

```
gmscFunctionId ATTRIBUTE
```

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

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

5.3.9   iwfFunctionId

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

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

5.3.10   mnpSrfFunctionId

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

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

5.3.11   npdbFunctionId

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

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

5.3.12   rSgwFunctionId

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

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

5.3.13　ssfFunctionId

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

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

5.3.14　bsFunctionId

bsFunctionId **ATTRIBUTE**
　　　　　　　　　WITH ATTRIBUTE SYNTAX
　　　　　　　　　　　TS32-634TypeModule.GeneralObjectId;
　　　　　　　　　MATCHES FOR EQUALITY;
　　　　　　　　　BEHAVIOUR
　　　　　　　　　　bsFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 14};

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

5.3.15　aucFunctionId

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

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

5.3.16　bgFunctionId

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

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

5.3.17 eirFunctionId

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

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

5.3.18 ggsnFunctionId

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

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

5.3.19 hlrFunctionId

hlrFunctionId **ATTRIBUTE**
    WITH ATTRIBUTE SYNTAX
      TS32-634TypeModule.GeneralObjectId;
    MATCHES FOR EQUALITY;
    BEHAVIOUR
      hlrFunctionIdBehaviour;
REGISTERED AS {ts32-634Attribute 19};

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

5.3.20 mscServerFunctionId

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

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

5.3.21 vlrFunctionId

vlrFunctionId **ATTRIBUTE**
    WITH ATTRIBUTE SYNTAX

```
                                    TS32-634TypeModule.GeneralObjectId;
                          MATCHES FOR EQUALITY;
                          BEHAVIOUR
                                    vlrFunctionIdBehaviour;
REGISTERED AS (ts32-634Attribute 21);

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

5.3.22   sgsnFunctionId

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

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

5.3.23   smsGmscFunctionId

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

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

5.3.24   smsIwmscFunctionId

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

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

5.3.25   gbLinkId

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

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

5.3.26 aLinkId

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

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

5.3.27 iucsLinkId

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

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

5.3.28 iupsLinkId

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

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

5.3.29 iubcLinkId

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

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

5.3.30 csMgwFunctionId

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

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

5.3.31 gmscServerFunctionId

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

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

5.3.32 mccList

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

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

5.3.33 mncList

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

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

5.3.34 lacList

```
lacList ATTRIBUTE
```

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

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

5.3.35   sacList

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

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

5.3.36   uraList

```
uraList ATTRIBUTE
                        WITH ATTRIBUTE SYNTAX
                              TS32-634TypeModule.UraList;
                        MATCHES FOR EQUALITY;
                        BEHAVIOUR
                              uraListBehaviour;
REGISTERED AS (ts32-634Attribute 36);

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

5.3.37   gcaList

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

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

5.3.38   mscId

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

REGISTERED AS {ts32-634Attribute 38};

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

5.3.39   mscServerFunction-GSMcell

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

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

5.3.40   mscServerFunction-ExternalGSMcell

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

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

5.3.41   mscServerFunction-CsMgwFunction

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

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

5.3.42   racList

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

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

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

5.3.43   sgsnId

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

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

5.3.44   sgsnFunction-GSMcell

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

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

5.3.45   sgsnFunction-ExternalGSMcell

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

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

5.3.46   connectedBss

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

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

5.3.47   connectedRnc

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

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

5.3.48   csMgwFunction-MscServerFunction

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

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

5.3.49   csMgwFunction-IucsLink

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

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

5.3.50   csMgwFunction-ALink

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

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

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

5.4   Name Binding

5.4.1   smlcFunction - managedElement

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

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

5.4.2   gmlcFunction - managedElement

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

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

5.4.3   scfFunction - managedElement

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

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

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

5.4.4   srfFunction - managedElement

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

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

5.4.5   cbcFunction - managedElement

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

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

5.4.6   cgfFunction - managedElement

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

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

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

~~5.4.7   mgwFunction - managedElement~~

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

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

~~5.4.8   gmscFunction - managedElement~~

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

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

~~5.4.9   iwfFunction - managedElement~~

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

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

5.4.10 mnpSrfFunction - managedElement

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

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

5.4.11 npdbFunction - managedElement

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

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

5.4.12 rSgwFunction - managedElement

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

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

5.4.13　ssfFunction - managedElement

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

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

5.4.14　bsFunction - managedElement

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

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

5.4.15　aucFunction - managedElement

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

aucFunction-managedElementBehaviour **BEHAVIOUR**
　　　　DEFINED AS

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

5.4.16　bgFunction - managedElement

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

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

5.4.17　eirFunction - managedElement

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

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

5.4.18　ggsnFunction - managedElement

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

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

5.4.19 hlrFunction - managedElement

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

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

5.4.20 mscServerFunction - managedElement

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

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

5.4.21 vlrFunction - managedElement

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

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

5.4.22 sgsnFunction - managedElement

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

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

5.4.23 smsGmscFunction - managedElement

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

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

5.4.24 smsIwmscFunction - managedElement

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

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

5.4.25　gbLink - managedElement

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

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

5.4.26　aLink - managedElement

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

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

5.4.27　iucsLink - managedElement

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

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

5.4.28   iupsLink - managedElement

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

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

5.4.29   iubcLink - managedElement

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

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

5.4.30   gmscServerFunction - managedElement

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

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

5.4.31 csMgwFunction - managedElement

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

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

End of Change in Clause 5
End of Document

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

CR-Form-v7

CHANGE REQUEST

⌘	**32.644** CR **CRNum**	⌘**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 **X**   Core Network ☐

Title:	⌘	Add notifications to functional objects - Align with 32.642 (IS)
Source:	⌘	**SA5** (olaf.pollakowski@siemens.com)
Work item code: ⌘	OAM-NIM	***Date:*** ⌘ 21/11/2003

Category:	⌘	**F**	***Release:*** ⌘ Rel-5
		Use one of the following categories:	*Use one of the following releases:*
		F *(correction)*	*2* *(GSM Phase 2)*
		A *(corresponds to a correction in an earlier release)*	*R96* *(Release 1996)*
		B *(addition of feature),*	*R97* *(Release 1997)*
		C *(functional modification of feature)*	*R98* *(Release 1998)*
		D *(editorial modification)*	*R99* *(Release 1999)*
		Detailed explanations of the above categories can	*Rel-4* *(Release 4)*
		be found in 3GPP TR 21.900.	*Rel-5* *(Release 5)*
			Rel-6 *(Release 6)*

Reason for change:	⌘	In the CMIP SS the functional MOCs inherit support for notifications from managedFunction, whereas on IS level support for notifications is not inherited but directly specified for each functional IOC.
Summary of change: ⌘		Support for notifications is directly specified for each functional object.
Consequences if not approved:	⌘	The CMIP SS is not aligned with the IS.

Clauses affected:	⌘	5

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

Other comments:	⌘	

Change in Clause 5

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5   GDMO Definitions

5.1   Managed Object Classes

5.1.1   rncFunction

```
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

```
utranCell MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        utranCellBasicPackage,
        utranCellHandoverPackage,
        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
                "iInstances of this MOC support the operationalState attribute.";
REGISTERED AS {ts32-644ObjectClass 2};
```

5.1.3   utranRelation

```
utranRelation MANAGED OBJECT CLASS
    DERIVED FROM
        "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
        utranRelationBasicPackage,
        utranRelationAssociationPackage;
    CONDITIONAL PACKAGES
        "Rec.ommendation M.3100: 1995": createDeleteNotificationsPackage
            PRESENT IF
                "The objectCreation and the objectDeletion notifications defined in
                ITU-T Rec.ommendation X.721
                are supported by an instance of this class.",
        "Rec.ommendation M.3100: 1995": attributeValueChangeNotificationPackage
            PRESENT IF
                "The attributeValueChange notifications defined in ITU-T Rec.ommendation X.721
                are is supported by an instance of this class.";
REGISTERED AS {ts32-644ObjectClass 3};
```

## 5.1.4	externalUtranCell

```
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 {ts32-644ObjectClass 6};
```

# 5.2	Packages

## 5.2.1	rncFunctionHandoverPackage

```
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

```
utranCellHandoverPackage PACKAGE
    BEHAVIOUR
        utranCellHandoverPackageBehaviour;
    ATTRIBUTES
        cId                        GET-REPLACE,
        localCellId                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,
        ura                        GET-REPLACE;
REGISTERED AS {ts32-644Package 2};

utranCellHandoverPackageBehaviour 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

```
externalUtranCellPackage PACKAGE
    BEHAVIOUR
```

```
      externalUtranCellPackageBehaviour;
   ATTRIBUTES
      externalUtranCellId         GET,
      cId                         GET-REPLACE,
      mcc                         GET-REPLACE,
      mnc                         GET-REPLACE,
      rncId                       GET-REPLACE,
      uarfcnUl                    GET-REPLACE,
      uarfcnDl                    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.";
```

5.3 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　rncId

```
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

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


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

5.3.5　localCellId

```
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

```
ura ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-644TypeModule.Ura;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      uraBehaviour;
REGISTERED AS {ts32-644Attribute 17};

uraBehaviour BEHAVIOUR
DEFINED AS
   "UTRAN Registration Area, URA (Ref. 3 GPP TS 25.423)";
```

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.";
```

5.4   Name Binding

5.4.1   rncFunction - managedElement

```
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

```
utranCell-rncFunction NAME BINDING
   SUBORDINATE OBJECT CLASS
      utranCell;
   NAMED BY SUPERIOR OBJECT CLASS
      rncFunction;
   WITH ATTRIBUTE
      utranCellId;
   BEHAVIOUR
      utranCell-rncFunctionBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 3};

utranCell-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.";
```

5.4.4   utranRelation - utranCell

```
utranRelation-utranCell NAME BINDING
   SUBORDINATE OBJECT CLASS
      utranRelation;
   NAMED BY SUPERIOR OBJECT CLASS
      utranCell;
   WITH ATTRIBUTE
      utranRelationId;
   BEHAVIOUR
      utranRelation-utranCellBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 4};

utranRelation-utranCellBehaviour BEHAVIOUR
DEFINED AS
   "The name binding represents a relationship in which an utranCell 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

```
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 void

5.4.7 void

5.4.8 void

5.4.9 void

5.4.10 iubLink - rncFunction

```
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.";
```

5.4.10 gsmRelation - utranCell

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

```
    WITH ATTRIBUTE
        "3GPP TS 32.654 Release 5": gsmRelationId;
    BEHAVIOUR
        gsmRelation-utranCellBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-644NameBinding 11};

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

End of Change in Clause 5
End of Document

Annex A (informative): Change history

<table>
<tr><th colspan="9">Change history</th></tr>
<tr><th>Date</th><th>TSG #</th><th>TSG Doc.</th><th>CR</th><th>Rev</th><th>Subject/Comment</th><th>Old</th><th>New</th></tr>
<tr><td>Jun 2001</td><td>S_12</td><td>SP-010283</td><td>--</td><td>--</td><td>Approved at TSG SA #12 and placed under Change Control</td><td>2.0.0</td><td>4.0.0</td></tr>
<tr><td>Sep 2001</td><td>S_13</td><td>SP-010478</td><td>001</td><td>--</td><td>Correction due to TS renumbering</td><td>4.0.0</td><td>4.1.0</td></tr>
<tr><td>Sep 2002</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Cosmetics/Styles</td><td>4.1.0</td><td>4.1.1</td></tr>
<tr><td>Dec 2002</td><td>S_18</td><td>SP-020749</td><td>007</td><td>--</td><td>Alignment of the CMIP SS with the Rel-5 version of the IS in 32.642</td><td>4.1.1</td><td>5.0.0</td></tr>
<tr><td>Jun 2003</td><td>S_20</td><td>SP-030283</td><td>003</td><td>--</td><td>Removal of relationType</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Sep 2003</td><td>S_21</td><td>SP-030420</td><td>004</td><td>--</td><td>Correction of wrong attribute name</td><td>5.1.0</td><td>5.2.0</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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</table>

CR-Form-v7

CHANGE REQUEST

⌘	**32.654** CR **008**	⌘**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 **X**   Core Network ☐

Title:	⌘	Add notifications to functional objects - Align with 32.652 (IS)
Source:	⌘	**SA5** (olaf.pollakowski@siemens.com)

Work item code:⌘	OAM-NIM			***Date:*** ⌘	21/11/2003

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

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

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

Reason for change:	⌘	In the CMIP SS the functional MOCs inherit support for notifications from managedFunction, whereas on IS level support for notifications is not inherited but directly specified for each functional IOC.
Summary of change:⌘		Support for notifications is directly specified for each functional object.
Consequences if not approved:	⌘	The CMIP SS is not aligned with the IS.

Clauses affected:	⌘	5

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

Other comments:	⌘	

<div style="border: 1px solid black; text-align: center;">

Change in Clause 5

</div>

# 5	GDMO Definitions

## 5.1	Managed Object Classes

### 5.1.1	bssFunction

```
bssFunction MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        bssFunctionBasicPackage,
        "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 {ts32-654ObjectClass 1};
```

### 5.1.2	btsSiteMgr

```
btsSiteMgr MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
        btsSiteMgrBasicPackage,
        "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 operationalState attribute.",
        btsSiteMgrGeoPositionPackage
            PRESENT IF
                "the attributes defined in this package are supported by an instance of this class.";
REGISTERED AS {ts32-654ObjectClass 2};
```

### 5.1.3	gsmCell

```
gsmCell MANAGED OBJECT CLASS
    DERIVED FROM
        "3GPP TS 32.624 Release 5": managedFunction;
CHARACTERIZED BY
        gsmCellBasicPackage,
        gsmCellMandatoryPackage,
        "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.",
        gsmCellOptionalPackage PRESENT IF
```

```
      "the attributes defined in this package are supported by an instance of this class.";
REGISTERED AS {ts32-654ObjectClass 3};
```

5.1.4   externalGsmCell

```
externalGsmCell MANAGED OBJECT CLASS
    DERIVED FROM
      "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
      externalGsmCellBasicPackage,
      externalGsmCellMandatoryPackage;
    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.",
      gsmCellOptionalPackage
          PRESENT IF
            "the attributes defined in this package are supported by an instance of this class.";
REGISTERED AS {ts32-654ObjectClass 4};
```

5.1.5   gsmRelation

```
gsmRelation MANAGED OBJECT CLASS
    DERIVED FROM
      "Recommendation X.721: 1992":top;
    CHARACTERIZED BY
      gsmRelationBasicPackage;
    CONDITIONAL PACKAGES
      gsmRelationOptionalPackage
          PRESENT IF
            "the attributes defined in this package are supported by an instance of this class.",
      "Rec.ommendation M.3100: 1995":createDeleteNotificationsPackage
          PRESENT IF
            "the objectCreation and the objectDeletion notifications defined in
            ITU-T Rec.ommendation X.721
            are supported by an instance of this class.",
      "Rec.ommendation M.3100: 1995":attributeValueChangeNotificationPackage
          PRESENT IF
            "the attributeValueChange notifications defined in ITU-T Rec.ommendation X.721
            are supported by an instance of this class.";
REGISTERED AS {ts32-654ObjectClass 5};
```

5.1.6   externalBssFunction

```
externalBssFunction MANAGED OBJECT CLASS
    DERIVED FROM
      "3GPP TS 32.624 Release 5": managedFunction;
    CHARACTERIZED BY
      externalBssFunctionBasicPackage;
    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 {ts32-654ObjectClass 6};
```

5.2   Packages

5.2.1   bssFunctionBasicPackage

```
bssFunctionBasicPackage PACKAGE
    BEHAVIOUR
```

```
        bssFunctionBasicPackageBehaviour;
    ATTRIBUTES
        bssFunctionId    GET;
REGISTERED AS {ts32-654Package 1};


bssFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The Managed Object Class bssFunction represents BSS functionality.";
```

5.2.2   btsSiteMgrBasicPackage

```
btsSiteMgrBasicPackage PACKAGE
    BEHAVIOUR
        btsSiteMgrBasicPackageBehaviour;
    ATTRIBUTES
        btsSiteMgrId    GET;
REGISTERED AS {ts32-654Package 2};


btsSiteMgrBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'BtsSiteMgr' managed object contains site specific information for a BTS site.";
```

5.2.3   btsSiteMgrGeoPositionPackage

```
btsSiteMgrGeoPositionPackage PACKAGE
    BEHAVIOUR
        btsSiteMgrGeoPositionPackageBehaviour;
    ATTRIBUTES
        longitude    GET-REPLACE,
        latitude     GET-REPLACE;
REGISTERED AS {ts32-654Package 3};


btsSiteMgrGeoPositionPackageBehaviour BEHAVIOUR
DEFINED AS
    "This package contains the attributes describing the geographic position of a BTS site.";
```

5.2.4   gsmCellBasicPackage

```
gsmCellBasicPackage PACKAGE
    BEHAVIOUR
        gsmCellBasicPackageBehaviour;
    ATTRIBUTES
        GsmCellId    GET;
REGISTERED AS {ts32-654Package 4};


gsmCellBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The managed object class gsmCell represents the GSM radio cell.";
```

5.2.5   gsmCellMandatoryPackage

```
gsmCellMandatoryPackage PACKAGE
    BEHAVIOUR
        gsmCellMandatoryPackageBehaviour;
    ATTRIBUTES
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": cellAllocation         GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": bsIdentityCode         GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": cellGlobalIdentity     GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": tsc                    GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": rxLevAccessMin         GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": msTxPwrMaxCCH          GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": hoppingSequenceNumber  GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": plmnPermitted          GET-REPLACE;
REGISTERED AS {ts32-654Package 5};


gsmCellMandatoryPackageBehaviour BEHAVIOUR
DEFINED AS
    "This package contains the elementary mandatory attributes of a gsmCell.";
```

5.2.6   gsmCellOptionalPackage

```
gsmCellOptionalPackage PACKAGE
    BEHAVIOUR
        gsmCellOptionalPackageBehaviour;
    ATTRIBUTES
        "3GPP TS 32.644 Release 5": rac    GET-REPLACE,
        racc                               GET-REPLACE;
REGISTERED AS {ts32-654Package 6};


gsmCellOptionalPackageBehaviour BEHAVIOUR
DEFINED AS
    "This package contains the optional GPRS attributes of a gsmCell.";
```

5.2.7   externalGsmCellBasicPackage

```
externalGsmCellBasicPackage PACKAGE
    BEHAVIOUR
        externalGsmCellBasicPackageBehaviour;
    ATTRIBUTES
        externalGsmCellId   GET;
REGISTERED AS {ts32-654Package 7};


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

5.2.8   externalGsmCellMandatoryPackage

```
externalGsmCellMandatoryPackage PACKAGE
    BEHAVIOUR
        externalGsmCellMandatoryPackageBehaviour;
    ATTRIBUTES
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": bsIdentityCode       GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": cellGlobalIdentity   GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": bcchFrequency        GET-REPLACE;
REGISTERED AS {ts32-654Package 8};


externalGsmCellMandatoryPackageBehaviour BEHAVIOUR
DEFINED AS
    "This package contains the elementary mandatory attributes of a externalGsmCell.";
```

5.2.9   gsmRelationBasicPackage

```
gsmRelationBasicPackage PACKAGE
    BEHAVIOUR
        gsmRelationBasicPackageBehaviour;
    ATTRIBUTES
        gsmRelationId                               GET,
        "3GPP TS 32.644 Release 5": adjacentCell    GET-REPLACE;
REGISTERED AS {ts32-654Package 9};


gsmRelationBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The 'GsmRelation' managed object contains radio network related parameters for the relation
     to the 'GsmCell' or 'ExternalGsmCell' managed object. Note: In handover relation terms, the
     cell containing the GSM Relation object is the source cell for the handover. The cell referred
     to in the GSM 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.";
```

5.2.10   gsmRelationOptionalPackage

```
gsmRelationOptionalPackage PACKAGE
    BEHAVIOUR
        gsmRelationOptionalPackageBehaviour;
    ATTRIBUTES
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": bsIdentityCode  GET-REPLACE,
        "3GPP TS 32.644 Release 5": lac                                     GET-REPLACE,
        "ETS 300 622: JUNE 1996 (GSM 12.20 VERSION 4.2.1)": bcchFrequency   GET-REPLACE;
REGISTERED AS {ts32-654Package 10};
```

```
gsmRelationOptionalPackageBehaviour BEHAVIOUR
DEFINED AS
    "This package contains the optional attributes of a gsmRelation.";
```

5.2.11 ExternalBssFunctionBasicPackage

```
externalBssFunctionBasicPackage PACKAGE
    BEHAVIOUR
        externalBssFunctionBasicPackageBehaviour;
    ATTRIBUTES
        externalBssFunctionId   GET;
REGISTERED AS {ts32-654Package 11};
```

```
externalBssFunctionBasicPackageBehaviour BEHAVIOUR
DEFINED AS
    "The Managed Object Class externalBssFunction represents external BSS functionality.";
```

5.3 Attributes

5.3.1 bssFunctionId

```
bssFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-654TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        bssFunctionIdBehaviour;
REGISTERED AS {ts32-654Attribute 1};
```

```
bssFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a bssFunction object.";
```

5.3.2 btsSiteMgrId

```
btsSiteMgrId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-654TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        btsSiteMgrIdBehaviour;
REGISTERED AS {ts32-654Attribute 2};
```

```
btsSiteMgrIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies a btsSiteMgr object.";
```

5.3.3 longitude

```
longitude ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-654TypeModule.Longitude;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        longitudeBehaviour;
REGISTERED AS {ts32-654Attribute 3};
```

```
longitudeBehaviour BEHAVIOUR
DEFINED AS
    "Used for geographical positioning of the sitemanager.";
```

5.3.4 latitude

```
latitude ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
```

```
      TS32-654TypeModule.Latitude;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      latitudeBehaviour;
REGISTERED AS {ts32-654Attribute 4};

latitudeBehaviour BEHAVIOUR
DEFINED AS
   "Used for geographical positioning of the sitemanager.";
```

5.3.5   gsmCellId

```
gsmCellId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-654TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      gsmCellIdBehaviour;
REGISTERED AS {ts32-654Attribute 5};

gsmCellIdBehaviour BEHAVIOUR
DEFINED AS
   "Cell Identity (Ref GSM 03.03).";
```

5.3.6   racc

```
racc ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-654TypeModule.Racc;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      raccBehaviour;
REGISTERED AS {ts32-654Attribute 7};

raccBehaviour BEHAVIOUR
DEFINED AS
   "Routing Area Colour Code, RACC.";
```

5.3.7   gsmRelationId

```
gsmRelationId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-654TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      gsmRelationIdBehaviour;
REGISTERED AS {ts32-654Attribute 8};

gsmRelationIdBehaviour BEHAVIOUR
DEFINED AS
   "This attribute identifies a gsmRelation object.";
```

5.3.8   externalGsmCellId

```
externalGsmCellId ATTRIBUTE
   WITH ATTRIBUTE SYNTAX
      TS32-654TypeModule.GeneralObjectId;
   MATCHES FOR
      EQUALITY;
   BEHAVIOUR
      externalGsmCellIdBehaviour;
REGISTERED AS {ts32-654Attribute 9};

externalGsmCellIdBehaviour BEHAVIOUR
DEFINED AS
   "This attribute identifies a externalGsmCell object.";
```

5.3.9 externalBssFunctionId

```
externalBssFunctionId ATTRIBUTE
    WITH ATTRIBUTE SYNTAX
        TS32-654TypeModule.GeneralObjectId;
    MATCHES FOR
        EQUALITY;
    BEHAVIOUR
        externalBssFunctionIdBehaviour;
REGISTERED AS {ts32-654Attribute 10};


externalBssFunctionIdBehaviour BEHAVIOUR
DEFINED AS
    "This attribute identifies an externalBssFunction object.";
```

5.4 Name Binding

5.4.1 bssFunction - managedElement

```
bssFunction-managedElement NAME BINDING
    SUBORDINATE OBJECT CLASS
        bssFunction;
    NAMED BY SUPERIOR OBJECT CLASS
        "3GPP TS 32.624 Release 5": managedElement;
    WITH ATTRIBUTE
        bssFunctionId;
    BEHAVIOUR
        bssFunction-managedElementBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 1};

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

5.4.2 btsSiteMgr - bssFunction

```
btsSiteMgr-bssFunction NAME BINDING
    SUBORDINATE OBJECT CLASS
        btsSiteMgr;
    NAMED BY SUPERIOR OBJECT CLASS
        bssFunction;
    WITH ATTRIBUTE
        btsSiteMgrId;
    BEHAVIOUR
        btsSiteMgr-bssFunctionBehaviour;
    CREATE
        WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
    DELETE
        ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 2};

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

5.4.3 gsmCell - btsSiteMgr

```
gsmCell-btsSiteMgr NAME BINDING
    SUBORDINATE OBJECT CLASS
        gsmCell;
    NAMED BY SUPERIOR OBJECT CLASS
        btsSiteMgr;
    WITH ATTRIBUTE
```

```
      gsmCellId;
   BEHAVIOUR
      gsmCell-btsSiteMgrBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 3};

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

5.4.4   gsmRelation - gsmCell

```
gsmRelation-gsmCell NAME BINDING
   SUBORDINATE OBJECT CLASS
      gsmRelation;
   NAMED BY SUPERIOR OBJECT CLASS
      gsmCell;
   WITH ATTRIBUTE
      gsmRelationId;
   BEHAVIOUR
      gsmRelation-gsmCellBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 4};

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

5.4.5   externalGsmCell - subNetwork

```
externalGsmCell-subNetwork NAME BINDING
   SUBORDINATE OBJECT CLASS
      externalGsmCell;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": subNetwork;
   WITH ATTRIBUTE
      externalGsmCellId;
   BEHAVIOUR
      externalGsmCell-subNetworkBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
   DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 5};

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

5.4.6   externalBssFunction - subNetwork

```
externalBssFunction-subNetwork NAME BINDING
   SUBORDINATE OBJECT CLASS
      externalBssFunction;
   NAMED BY SUPERIOR OBJECT CLASS
      "3GPP TS 32.624 Release 5": subNetwork;
   WITH ATTRIBUTE
      externalBssFunctiond;
   BEHAVIOUR
      externalBssFunction-subNetworkBehaviour;
   CREATE
      WITH-REFERENCE-OBJECT, WITH-AUTOMATIC-INSTANCE-NAMING;
```

```
    DELETE
      ONLY-IF-NO-CONTAINED-OBJECTS;
REGISTERED AS {ts32-654NameBinding 6};

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

End of Change in Clause 5 **End of Document**

Annex A (informative):
Change history

<table>
<tr><th colspan="9">Change history</th></tr>
<tr><th>Date</th><th>TSG #</th><th>TSG Doc.</th><th>CR</th><th>Rev</th><th>Subject/Comment</th><th>Old</th><th>New</th></tr>
<tr><td>Jun 2001</td><td>S_12</td><td>SP-010283</td><td>--</td><td>--</td><td>Approved at TSG SA #12 and placed under Change Control</td><td>2.0.0</td><td>4.0.0</td></tr>
<tr><td>Sep 2001</td><td>S_13</td><td>SP-010478</td><td>001</td><td>--</td><td>Correction due to TS renumbering</td><td>4.0.0</td><td>4.1.0</td></tr>
<tr><td>Sep 2001</td><td>S_13</td><td>SP-010477</td><td>002</td><td>--</td><td>Addition of mcc and mnc in the object model of GERAN</td><td>4.0.0</td><td>4.1.0</td></tr>
<tr><td>Dec 2002</td><td>S_18</td><td>SP-020749</td><td>003</td><td>--</td><td>Alignment of the CMIP SS with the Rel-5 version of the IS in 32.652</td><td>4.1.0</td><td>5.0.0</td></tr>
<tr><td>Jun 2003</td><td>S_20</td><td>SP-030283</td><td>005</td><td>--</td><td>Removal of relationType</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Jun 2003</td><td>S_20</td><td>SP-030286</td><td>006</td><td>-</td><td>Alignment of object class names to externalGsmCell - Alignment with 32.624</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Sep 2003</td><td>S_21</td><td>SP-030418</td><td>007</td><td>--</td><td>Inclusion of ExternalBssFunction - Alignment with 32.652</td><td>5.1.0</td><td>5.2.0</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>