
Source: SA5 (Telecom Management)
Title: 2 Rel-5 CRs 32.632/32.633 (CN Resources IRP: Network Resource Model/ CORBA solution set) : Removal of faulty attribute uraList
Document for: Approval
Agenda Item: 7.5.3

Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version-	Doc-2nd-	Workitem	Remark
SP-020747	32.632	004	-	Rel-5	Removal of faulty attribute uraList	F	5.0.0	S5-026844	OAM-NIM	Parent CR
SP-020747	32.633	002	-	Rel-5	Removal of faulty attribute uraList (alignment with Rel-5 32.632 Network Resource Model)	F	5.0.0	S5-026866	OAM-NIM	Child CR

CR-Form-v7
CHANGE REQUEST
⌘ 32.632 CR 004 ⌘ 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

Title:	⌘	Removal of faulty attribute uraList
Source:	⌘	SA5
Work item code:	⌘	OAM-NIM
		Date: ⌘ 11/10/2002
Category:	⌘	F
		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 .
		Release: ⌘ Rel-5 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:	⌘	The object MscServerFunction contains a list of URAs. URA is a concept that only is used within UTRAN.
Summary of change:	⌘	The attribute for list of URAs in MscServerFunction is removed.
Consequences if not approved:	⌘	The MSCs will contain data that they do not use.

Clauses affected:	⌘	6.3.1				
Other specs affected:	⌘	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Y	N			
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<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
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Y	N					
<input checked="" type="checkbox"/>	<input type="checkbox"/>					
		⌘ 32.633 (and 32.634) Solution sets				
Other comments:	⌘	Child CR in Rel-5 32633CR002. No Child CR for Rel-5 32.634 available yet.				

6.3.1 MOC MscServerFunction

This Managed Object Class represents MSCserver functionality. For more information about the MSC, see 3GPP TS 23.002 [15].

It inherits from ManagedFunction.

Table 1: Attributes of MscServerFunction

Name	Qualifier	Description
mscServerFunctionId	READ-ONLY, M	An attribute whose 'name+value' can be used as an RDN when naming an instance of this object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.
userLabel	READ- WRITE, M	A user-friendly (and user assigned) name of the associated object. Inherited from ManagedFunction.
mccList	READ-WRITE, M	List of Mobile Country Codes, MCC. It is a part of the PLMN Id (Ref. 3 GPP TS 23.003 [3]).
mncList	READ-WRITE, M	List of Mobile Network Codes, MNC. It is a part of the PLMN Id (Ref. 3 GPP TS 23.003 [3]).
lacList	READ-WRITE, M	List of Location Area Codes covered by MSC (Ref. 3 GPP TS 23.003 [3]).
sacList	READ-WRITE, M	List of Service Area Codes covered by MSC (Ref. 3 GPP TS 23.003 [3]).
raList	READ-WRITE, M	List of UTRAN Registration Areas covered by MSC (Ref. 3 GPP TS 23.003 [3]).
gcaList	READ-WRITE, O	List of Group Call Area (Ref. 3 GPP TS 23.003 [3]).
mscId	READ-WRITE, M	Unique MSC ID (Ref. 3 GPP TS 23.002).
mscServerFunction-GSMcell	READ-ONLY, M	The value of this attribute shall be 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.
mscServerFunction-ExternalGSMcell	READ-ONLY, M	The value of this attribute shall be 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.
mscServerFunction-CsMgwFunction	READ- ONLY, M	The value of this attribute shall be 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.

Table 2: Notifications of MscServerFunction

Name	Qualifier	Notes
notifyAckStateChanged	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyAttributeValueChange	O	
notifyChangedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyClearedAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyNewAlarm	See Alarm IRP (3GPP TS 32.111-2 [11])	
notifyObjectCreation	O	
notifyObjectDeletion	O	

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S5-026866

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CHANGE REQUEST
⌘ 32.633 CR 002 ⌘ rev - ⌘ Current version: 5.0.0 ⌘

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

Title:	⌘	Removal of faulty attribute uraList (alignment with Rel-5 32.632 Network Resource Model)	
Source:	⌘	SA5	
Work item code:	⌘	OAM-NIM	Date: ⌘ 11/10/2002
Category:	⌘	F	Release: ⌘ Rel-5
		<i>Use one of the following categories:</i> 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 .	<i>Use one of the following releases:</i> 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 object MscServerFunction contains a list of URAs. URA is a concept that only is used within UTRAN.
Summary of change:	⌘	The attribute for list of URAs in MscServerFunction is removed.
Consequences if not approved:	⌘	The MSCs will contain data that they do not use.

Clauses affected:	⌘	5.2.1 and Annex A									
Other specs affected:	⌘	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘
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Test specifications											
O&M Specifications											
Other comments:	⌘	Child of Rel-5 32632CR004.									

Change in Clause 5.2.1

5.2.1 MOC MscServerFunction

Table 1: Mapping from NRM MOC MscServerFunction attributes to SS equivalent MOC MscServerFunction attributes

NRM Attributes of MOC MscFunction in 3GPP TS 32.632 [3]	SS Attributes	SS Type	Qualifier
mscServerFunctionId	mscServerFunctionId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
mccList	mccList	long	Read-Write, M
mncList	mncList	long	Read-Write, M
lacList	lacList	long	Read-Write, M
sacList	sacList	long	Read-Write, M
uraList	uraList	long	Read-Write, M
gcaList	gcaList	long	Read-Write, M
mscd	mscd	long	Read-Write, M
Associated With/ mscServerFunction-GSMcell	mscServerFunction-GSMcell	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Associated With/ mscServerFunction-ExternalGSMcell	mscServerFunction-ExternalGSMcell	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M
Associated With/ mscServerFunction-CsMgwFunction	mscServerFunction-CsMgwFunction	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M

End of Change in Clause 5.2.1 End of Document

Change in Clause Annex A

Annex A (normative): CORBA IDL, NRM Definitions

```
#ifndef CoreNetworkResourcesNRMDefs_idl
#define CoreNetworkResourcesNRMDefs_idl

#pragma prefix "3gppsa5.org"

/**
 * This module defines constants for each MO class name and
 * the attribute names for each defined MO class.
 */
module CoreNetworkResourcesNRMDefs
{

    /**
     * Definitions for MO class MscServerFunction
     */
    interface MscServerFunction
    {
        const string CLASS = "MscServerFunction";

        // Attribute Names
        //
        const string mscServerFunctionId = "mscServerFunctionId";
        const string userLabel = "userLabel";
        const string mccList = "mccList";
        const string mncList = "mncList";
        const string lacList = "lacList";
        const string sacList = "sacList";
        const string uraList = "uraList";
        const string gcaList = "gcaList";
        const string mscId = "mscId";
        const string mscServerFunctionGSMcell = "mscServerFunctionGSMcell";
        const string mscServerFunctionExternalGSMcell =
"mscServerFunctionExternalGSMcell";
        const string mscServerFunctionCsMgwFunction =
"mscServerFunctionCsMgwFunction";
    };

    /**
     * Definitions for MO class HlrFunction
     */
    interface HlrFunction
    {
        const string CLASS = "HlrFunction";

        // Attribute Names
        //
        const string hlrFunctionId = "hlrFunctionId";
        const string userLabel = "userLabel";
    };

    /**
     * Definitions for MO class VlrFunction
     */

```

```
interface VlrFunction
{
    const string CLASS = "VlrFunction";

    // Attribute Names
    //
    const string vlrFunctionId = "vlrFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class AucFunction
 */
interface AucFunction
{
    const string CLASS = "AucFunction";

    // Attribute Names
    //
    const string aucFunctionId = "aucFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class EirFunction
 */
interface EirFunction
{
    const string CLASS = "EirFunction";

    // Attribute Names
    //
    const string eirFunctionId = "eirFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class SmsIwmscFunction
 */
interface SmsIwmscFunction
{
    const string CLASS = "SmsIwmscFunction";

    // Attribute Names
    //
    const string smsIwmscFunctionId = "smsIwmscFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class SmsGmscFunction
 */
interface SmsGmscFunction
{
    const string CLASS = "SmsGmscFunction";

    // Attribute Names
    //
    const string smsGmscFunctionId = "smsGmscFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class SgsnFunction
 */
interface SgsnFunction
{
    const string CLASS = "SgsnFunction";

    // Attribute Names
    //
    const string sgsnFunctionId = "sgsnFunctionId";
    const string userLabel = "userLabel";
    const string mccList = "mccList";
    const string mncList = "mncList";
    const string lacList = "lacList";
    const string racList = "racList";
    const string sacList = "sacList";
    const string sgsnId = "sgsnId";
    const string sgsnFunctionGSMcell = "sgsnFunctionGSMcell";
    const string sgsnFunctionExternalGSMcell = "sgsnFunctionExternalGSMcell";
};

/**
 * Definitions for MO class GgsnFunction
 */
interface GgsnFunction
{
    const string CLASS = "GgsnFunction";

    // Attribute Names
    //
    const string ggsnFunctionId = "ggsnFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class BgFunction
 */
interface BgFunction
{
    const string CLASS = "BgFunction";

    // Attribute Names
    //
    const string bgFunctionId = "bgFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class GmscFunction
 */
interface GmscFunction
{
    const string CLASS = "GmscFunction";

    // Attribute Names
    //
    const string gmscFunctionId = "gmscFunctionId";
    const string userLabel = "userLabel";
};
```



```
/**
 * Definitions for MO class SmlcFunction
 */
interface SmlcFunction
{
    const string CLASS = "SmlcFunction";

    // Attribute Names
    //
    const string smlcFunctionId = "smlcFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class GmlcFunction
 */
interface GmlcFunction
{
    const string CLASS = "GmlcFunction";

    // Attribute Names
    //
    const string gmlcFunctionId = "gmlcFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class ScfFunction
 */
interface ScfFunction
{
    const string CLASS = "ScfFunction";

    // Attribute Names
    //
    const string scfFunctionId = "scfFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class SrfFunction
 */
interface SrfFunction
{
    const string CLASS = "SrfFunction";

    // Attribute Names
    //
    const string srfFunctionId = "srfFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class CbcFunction
 */
interface CbcFunction
{
    const string CLASS = "CbcFunction";

    // Attribute Names
```

```
//
const string cbcFunctionId = "cbcFunctionId";
const string userLabel = "userLabel";
};

/**
 * Definitions for MO class CgfFunction
 */
interface CgfFunction
{
    const string CLASS = "CgfFunction";

    // Attribute Names
    //
    const string cgfFunctionId = "cgfFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class MgwFunction
 */
interface MgwFunction
{
    const string CLASS = "MgwFunction";

    // Attribute Names
    //
    const string mgwFunctionId = "mgwFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class GmscServerFunction
 */
interface GmscServerFunction
{
    const string CLASS = "GmscServerFunction";

    // Attribute Names
    //
    const string gmscServerFunctionId = "gmscServerFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class IwfFunction
 */
interface IwfFunction
{
    const string CLASS = "IwfFunction";

    // Attribute Names
    //
    const string iwfunctionId = "iwfunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class MnpSrfFunction
 */
```

```
interface MnpSrfFunction
{
    const string CLASS = "MnpSrfFunction";

    // Attribute Names
    //
    const string mnpSrfFunctionId = "mnpSrfFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class NpdbFunction
 */
interface NpdbFunction
{
    const string CLASS = "NpdbFunction";

    // Attribute Names
    //
    const string npdbFunctionId = "npdbFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class SgwFunction
 */
interface SgwFunction
{
    const string CLASS = "SgwFunction";

    // Attribute Names
    //
    const string sgwFunctionId = "sgwFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class SsfFunction
 */
interface SsfFunction
{
    const string CLASS = "SsfFunction";

    // Attribute Names
    //
    const string ssfFunctionId = "ssfFunctionId";
    const string userLabel = "userLabel";
};

/**
 * Definitions for MO class BsFunction
 */
interface BsFunction
{
    const string CLASS = "BsFunction";

    // Attribute Names
    //
    const string bsFunctionId = "bsFunctionId";
    const string userLabel = "userLabel";
};
```

```
/**
 * Definitions for MO class IucsLink
 */
interface IucsLink
{
    const string CLASS = "IucsLink";

    // Attribute Names
    //
    const string iucsLinkId = "iucsLinkId";
    const string userLabel = "userLabel";
    const string connectedRnc = "connectedRnc";
    const string connectedBss = "connectedBss";
};

/**
 * Definitions for MO class IupsLink
 */
interface IupsLink
{
    const string CLASS = "IupsLink";

    // Attribute Names
    //
    const string iupsLinkId = "iupsLinkId";
    const string userLabel = "userLabel";
    const string connectedRnc = "connectedRnc";
    const string connectedBss = "connectedBss";
};

/**
 * Definitions for MO class IubcLink
 */
interface IubcLink
{
    const string CLASS = "IubcLink";

    // Attribute Names
    //
    const string iubcLinkId = "iubcLinkId";
    const string userLabel = "userLabel";
    const string connectedRnc = "connectedRnc";
};

/**
 * Definitions for MO class ALink
 */
interface ALink
{
    const string CLASS = "ALink";

    // Attribute Names
    //
    const string aLinkId = "aLinkId";
    const string userLabel = "userLabel";
    const string connectedBss = "connectedBss";
};

/**
 * Definitions for MO class GbLink
```

```
*/
interface GbLink
{
    const string CLASS = "GbLink";

    // Attribute Names
    //
    const string gbLinkId = "gbLinkId";
    const string userLabel = "userLabel";
    const string connectedBss = "connectedBss";
};

/**
 * Definitions for MO class CsMgwFunction
 */
interface CsMgwFunction
{
    const string CLASS = "CsMgwFunction";

    // Attribute Names
    //
    const string csMgwFunctionId = "csMgwFunctionId";
    const string userLabel = "userLabel";
    const string csMgwFunctionMscServerFunction =
"csMgwFunctionMscServerFunction";
    const string csMgwFunctionIucsLink = "csMgwFunctionIucsLink";
    const string csMgwFunctionALink = "csMgwFunctionALink";
};

};

#endif
```

End of Change in Annex A End of Document
