Source: SA5 (Telecom Management)

Title:7 Rel-5/6 CR 32.622/3/4/5 (CM Generic network resources IRP
Requirements/NRM/CORBA/CMIP)

Document for: Decision

Agenda Item: 7.5.3

Doc-1st-	Spec	CR	R	Phase	Subject	Cat	Ver	Doc-2nd-	Workitem	Relationsh
SP-040251	32.622	017	-	Rel-5	Correction of legal values for managedElementType attribute	F	5.3.0	S5-048450	OAM-NIM	Parent
SP-040251	32.622	018	-	Rel-6	Correction of legal values for managedElementType attribute	А	6.1.0	S5-048451	OAM-NIM	Parent
SP-040251	32.623	010	-	Rel-5	Correction of legal values for managedElementType attribute	F	5.2.0	S5-048452	OAM-NIM	Child
SP-040251	32.623	011	-	Rel-6	Correction of legal values for managedElementType attribute	А	6.1.0	S5-048453	OAM-NIM	Child
SP-040251	32.624	018	-	Rel-5	Correction of legal values for managedElementType attribute	F	5.3.0	S5-048454	OAM-NIM	Child
SP-040251	32.625	010	-	Rel-5	Correction of legal values for managedElementType attribute	F	5.2.0	S5-048455	OAM-NIM	Child
SP-040251	32.625	011	-	Rel-6	Correction of legal values for managedElementType attribute	А	6.1.0	S5-048456	OAM-NIM	Child

NOTE 1: 32.624 does not exist for Rel-6 yet.

NOTE 2: This correction is not network affecting; thus a corresponding Rel-4 CR is not seen as necessary.

	GPP TSG-SA5 (Telecom Management) S5-0484 Meeting #38, Beijing, CHINA, 10-14 May 2004									
CHANGE REQUEST										
æ	32	<mark>.622</mark> CR	017	жrev	- #	Current vers	ion: 5.3.0	Ħ		
For <u>HELP</u> or	n using	this form, see	e bottom of this	s page or l	ook at the	e pop-up text	over the X sy	mbols.		
Proposed chang	e affec	ets: UICC a	ipps#	ME	Radio Ad	ccess Networ	k X Core N	etwork X		
Title:	ж <mark>Со</mark>	rrection of lec	gal values for r	managedE	lementTy	pe attribute				
Source:	ж <mark>SA5</mark>	<mark>i (Ericsson, <u>t</u>r</mark>	omas.tovinge	r@ericssoi	<u>n.com</u>)					
Work item code:	ж <mark>ОА</mark>	M-NIM				Date: ೫	14/5/2004			
Category: Reason for chan	Deta be fo	F (correction) A (correspon B (addition of C (functional D (editorial m ailed explanation bund in 3GPP	ds to a correction feature), modification of odification) ons of the above	on in an earl feature) e categories r the Mana	can ged Elem	2 9) R96 R97 R98 R99 Rel-4 Rel-5 Rel-6)))		
Summary of cha	<i>nge:</i> ೫	Update the	Comment col values with a	umn of Tal	ble 6.16 c	o <mark>f subclause 6</mark>	6 <mark>.1.5.1 (replac</mark>			
Consequences in not approved:	f ¥	contained b	uld need to be by ManagedEl ime-consumir	ement is a		0		2		
Clauses affected	l: ¥	6.1.5.1								
Other specs affected:	ж	X Othe	r core specifica specifications Specifications		¥ <u>32.6</u>	23, 32.624, 3	2.625			
Other comments	: ж									

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Change in Subclause 6.1.5.1

2

6.1.5.1 Definitions and legal values

Table 6.16 defines the attributes that are present in several information object classes of the present document.

Table 6.16: Attributes

Attribute Name	Definition	Legal Values
dnPrefix	It carries the DN Prefix information as defined in Annex C of 32.300 [13]. It shall only be specified if the instance of the information object class supporting this attribute is a local root instance of the MIB. Otherwise the value shall carry the NULL semantics.	
managedElementId	An attribute whose 'name+value' can be used as an RDN when naming an instance of the ManagedElement object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
managedElementType	The type of managed element. It is a multi-valued attribute with one or more elements. Thus, it may represent one ME functionality , e.g. an RNC, or a combination of more than one functionality e.g. an MSC/HLR . The actual syntax and encoding of this attribute is Solution Set specific.	The legal values of this attribute are the names of the IOC(s) that are (a) derived/subclassed from ManagedFunction and (b) directly name-contained by ManagedElement IOC (on the first level below ManagedElement), but with the string "Function"
		excluded. <u>The capitalisation (usage of</u> <u>upper/lower case) of characters in</u> <u>this attribute is insignificant.</u> <u>Thus, the IRPManager should be</u> <u>case insensitive when reading</u> <u>these values.</u>
		Two examples of legal values are: <u>NodeB</u>: <u>HLR,VLR</u>. RNC, NodeB, BSS, MSC, HLR, VLR, AuC, EIR, SMS-IWMSC, SMS-GMSC, GMSC, SGSN, GGSN, BG, BS, CBC, CGF, GMLC, GMSC Server, IWF, MGW, MNP-SRF, MSC Server, NPDB, R-SGW, SCF, SMLC, SRF, SSF.
irpAgentId	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.	
iRPld	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.	
locationName managedElements	The physical location of this entity (e.g. an address). Models the role 'Manager' – see subclause 6.1.4.1.2. This attribute contains a list of the DN(s) of the related ManagedElement instance(s).	
managementNodeId	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.	

Attribute Name	Definition	Legal Values
managedBy	Models the role 'Subordinate' – see subclause 6.1.4.1.2.	
	This attribute contains a list of the DN(s) of the related	
	ManagementNode instance(s).	
meContextId	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.	
objectClass	An attribute which captures the name of the class from	
	which the object instance is an occurrence of.	
objectInstance	An information which captures the Distinguished Name of	
	any object.	
subNetworkId	An attribute whose 'name+value' can be used as an RDN	
	when naming an instance of the SubNetwork object class.	
	This RDN uniquely identifies the object instance within	
	the scope of its containing (parent) object instance.	
swVersion	The software version of the ManagementNode or	
	ManagedElement (this is used for determining which	
	version of the vendor specific information is valid for the	
	ManagementNode or ManagedElement).	
systemDN	The Distinguished Name (DN) of IRPAgent. Defined in	
	3GPP TS 32.300.	
userDefinedNetworkType	Textual information regarding the type of network, e.g.	
	UTRAN.	
userDefinedState	An operator defined state for operator specific usage.	
waard ah al	(See also Note below)	
userLabel	A user-friendly name of this object.	
vendorName	The name of the vendor.	
vsData	Vendor specific attributes of the type vsDataType. The	
	attribute definitions including constraints (value ranges,	
	data types, etc.) are specified in a vendor specific data	
	format file.	
vsDataContainerId	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	
vsDataFormatVersion	its containing (parent) object instance.	
	Name of the data format file, including version.	
vsDataType	Type of vendor specific data contained by this instance,	
	e.g. relation specific algorithm parameters, cell specific	
	parameters for power control or re-selection or a timer.	
	The type itself is also vendor specific.	

End of Change in Subclause 6.1.5.1

End of Change

Annex B (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-010479	001		Add the notification notifyComments in all MOCs that support	4.0.0	4.1.0			
					alarms and correct the list of allowed members of the attribute					
					managedElementType of the MOC managedElement					
Sep 2001	S_13	SP-010479	002		Correction of Generic NRM Containment/Naming and Association	4.0.0	4.1.0			
					diagram					
Sep 2001	S_13	SP-010479	003		Correct description of swVersion attribute	4.0.0	4.1.0			
Mar 2002	S_15	SP-020020	004		Addition of managedElementType value for GSM Radio Access	4.1.0	4.2.0			
					Network support					
Jun 2002	S_16	SP-020299	005		Remove R99-inherited restriction of self-containment for MOC	4.2.0	4.3.0			
					SubNetwork					
Sep 2002		SP-020488	006		Upgrade to ReI-5 (Add new IS method, MOC name convention)	4.3.0	5.0.0			
Jun 2003	S_20	SP-030280	800		Correction of Notifications for IOCs	5.0.0	5.1.0			
Dec 2003	S_22	SP-030643	010		Add Missing VsDataContainer for ManagedFunction &	5.1.0	5.2.0			
					ManagedElement and Other IOCs (Version 2)					
Dec 2003	S_22	SP-030644	011		Correction of UML diagram and other corrections	5.1.0	5.2.0			
Mar 2004	S_23	SP-040128	013		Addition of missing attributes for the managementScope	5.2.0	5.3.0			
					association					

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3GPP TSG-SA5 Meeting #38, Be	•			-						S	5-048451
											CR-Form-v7
ж	32	.622	CR	018	жrе	ev -	. #	Current v	ersion	6.1.0	æ
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <i>x</i> symbols.											
Proposed change	Proposed change affects: UICC apps# ME Radio Access Network X Core Network X										
Title: អ	t Col	rection	<mark>n of le</mark> g	g <mark>al values f</mark>	for manag	gedElen	nentTy	ype attribut	е		
Source: #	៖ <mark>SA5</mark>	(Erics	son, <u>th</u>	iomas.tovii	nger@erio	csson.c	<u>om</u>)				
Work item code: #	€ <mark>OA</mark>	<mark>M-NIN</mark>	1					Date:	¥ <mark>1</mark>	4/5/2004	
Category: ₩	Use Deta	F (corr A (corr B (add C (fund D (edit iled exp	rection) respon lition of ctional torial m blanatic	owing categ ds to a corre feature), modificatior odification) ons of the at <u>TR 21.900</u> .	ection in ai n of feature	e)		2	of the (GS (Re (Re (Re (Re (Re	el-6 following re SM Phase 2, please 1996, please 1997, please 1999, please 1999, please 4) please 5) please 6))))
Reason for chang	ю: Ж							nent type u ot future pr		or all Netwo	ork
Summary of chan	ge:	of old		values wit				of subclaus hat applies			
Consequences if not approved:	ж	conta	ained b		dElement			e a "Manag named or re			
Clauses affected:	ж	6.1.5	.1								
Other specs affected:	ж	Y N Image: Married Control Image: Married Control Image: Married Control Image: Married Contro	Test	r core spec specificatio Specificat	ons	ж	32.6	623, 32.624	I, 32.6	25	
Other comments:	ж	This	CR m	ust be appi	roved tog	ether w	ith the	correspon	ding F	Rel5 "mirror	"CR.

Change in Subclause 6.1.5.1

2

6.1.5.1 Definitions and legal values

Table 6.16 defines the attributes that are present in several information object classes of the present document.

Table 6.16: Attributes

Attribute Name	Definition	Legal Values
dnPrefix	It carries the DN Prefix information as defined in Annex C of 32.300 [13]. It shall only be specified if the instance of the information object class supporting this attribute is a local root instance of the MIB. Otherwise the value shall carry the NULL semantics.	
managedElementId	An attribute whose 'name+value' can be used as an RDN when naming an instance of the ManagedElement object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
managedElementType	The type of managed element. It is a multi-valued attribute with one or more elements. Thus, it may represent one ME functionality , e.g. an RNC, or a combination of more than one functionality e.g. an MSC/HLR .	The legal values of this attribute are the names of the IOC(s) that are (a) derived/subclassed from ManagedFunction and (b) directly name-contained by
	The actual syntax and encoding of this attribute is Solution Set specific.	ManagedElement IOC (on the first level below ManagedElement), but with the string "Function" excluded.
		The capitalisation (usage of upper/lower case) of characters in this attribute is insignificant. Thus, the IRPManager should be case insensitive when reading these values.
		Two examples of legal values are: • NodeB; • HLR,VLR. RNC, NodeB, BSS, MSC, HLR, VLR, AuC, EIR, SMS- IWMSC, SMS-GMSC, GMSC, GGN, GGSN, BC, BS, CBC, CGF, GMLC, GMSC Server, IWF, MGW, MNP-SRF, MSC Server, NPDB, R-SGW, SCF, SMLC, SRF, SSF.
irpAgentId	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.	
iRPId	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.	
locationName managedElements	The physical location of this entity (e.g. an address). Models the role 'Manager' – see subclause 6.1.4.1.2. This attribute contains a list of the DN(s) of the related ManagedElement instance(s).	
managementNodeId	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.	
managedBy	Models the role 'Subordinate' – see subclause 6.1.4.1.2. This attribute contains a list of the DN(s) of the related ManagementNode instance(s).	

Attribute Name	Definition	Legal Values
meContextId	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.	
objectClass	An attribute which captures the name of the class from which the object instance is an occurrence of.	
objectInstance	An information which captures the Distinguished Name of any object.	
setOfMcc	Set of Mobile Country Code (MCC). The MCC uniquely identifies the country of domicile of the mobile subscriber. MCC is part of the IMSI (Ref. 3GPP TS 23.003). This list contains all the MCC values in subordinate object instances to this SubNetwork instance. Every unique value of MCC shall only appear once in the list.	
subNetworkId	An attribute whose 'name+value' can be used as an RDN when naming an instance of the SubNetwork object class. This RDN uniquely identifies the object instance within the scope of its containing (parent) object instance.	
swVersion	The software version of the ManagementNode or ManagedElement (this is used for determining which version of the vendor specific information is valid for the ManagementNode or ManagedElement).	
systemDN	The Distinguished Name (DN) of IRPAgent. Defined in 3GPP TS 32.300.	
userDefinedNetworkTyp e	Textual information regarding the type of network, e.g. UTRAN.	
userDefinedState	An operator defined state for operator specific usage. (See also Note below)	
userLabel	A user-friendly name of this object.	
vendorName	The name of the vendor.	
vsData	Vendor specific attributes of the type vsDataType. The attribute definitions including constraints (value ranges, data types, etc.) are specified in a vendor specific data format file.	
vsDataContainerId	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.	
vsDataFormatVersion	Name of the data format file, including version.	
vsDataType	Type of vendor specific data contained by this instance, e.g. relation specific algorithm parameters, cell specific parameters for power control or re-selection or a timer. The type itself is also vendor specific.	

End of Change in Subclause 6.1.5.1

End of Change

	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-010479	001		dd the notification notifyComments in all MOCs that support larms and correct the list of allowed members of the attribute nanagedElementType of the MOC managedElement		4.1.0		
Sep 2001	S_13	SP-010479	002		Correction of Generic NRM Containment/Naming and Association diagram	4.0.0	4.1.0		
Sep 2001	S_13	SP-010479	003		Correct description of swVersion attribute	4.0.0	4.1.0		
Mar 2002	S_15	SP-020020	004		Addition of managedElementType value for GSM Radio Access Network support	4.1.0	4.2.0		
Jun 2002	S_16	SP-020299	005		Remove R99-inherited restriction of self-containment for MOC SubNetwork	4.2.0	4.3.0		
Sep 2002	S_17	SP-020488	006		Upgrade to ReI-5 (Add new IS method, MOC name convention)	4.3.0	5.0.0		
Jun 2003	S_20	SP-030280	800		Correction of Notifications for IOCs	5.0.0	5.1.0		
Dec 2003	S_22	SP-030643	010		Add Missing VsDataContainer for ManagedFunction & ManagedElement and Other IOCs (Version 2)	5.1.0	5.2.0		
Dec 2003	S_22	SP-030644	011		Correction of UML diagram and other corrections	5.1.0	5.2.0		
Dec 2003	S_22	SP-030648	012		Add SetofMcc attribute in Generic NRM IOCs for NRM alignment	5.2.0	6.0.0		
Mar 2004	S_23	SP-040128	014		Addition of missing attributes for the managementScope association	6.0.0	6.1.0		

GPP TSG-SA5 (Telecom Management) S5-0484 Neeting #38, Beijing, CHINA, 10 - 14 May 2004										
¥	32.623 CR 010 # rev - ^{# Cu}	rrent version: 5.2.0 [#]								
For <mark>HELP</mark> on l	For <u>HELP</u> 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 Acces	ss Network X Core Network X								
Title: ೫	Correction of legal values for managedElementType a	attribute								
Source: #	SA5 (thomas.tovinger@ericsson.com)									
Work item code: Ж	OAM-NIM	<i>Date:</i> ೫ <mark>14/05/2004</mark>								
Category: अ		lease: %Rel-5lse one 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	e: # The reference to the relevant version of the IS w on " Correction of legal values for managedElem									
Summary of chang	ge: # The referenced version of the IS in the Scope cla version of the IS.	ause is stepped to the coming								
Consequences if not approved:	* The SS (this document) would refer to wrong ver	sion of the IS.								
Clauses affected:	策 <mark>1</mark>									
Other specs affected:	Y N X Other core specifications % X Test specifications % X O&M Specifications									
Other comments:	X This is a child CR that must be approved with the	e corresponding parent CR.								

1 Scope

The TS 32.62x-series (Generic Network Resources IRP) defines an Integration Reference Point (IRP) through which an "IRPAgent" (typically an Element Manager or Network Element) can communicate Network Management related information to one or several "IRPManagers" (typically Network Managers).

This series of documents specifies a generic Network Resource Model, NRM (also referred to as a Management Information Model - MIM) with definitions of Information Object Classes and Managed Object Classes.

The present document specifies the CORBA Solution Set (SS).

This Solution Set specification is related to 3GPP TS 32.622 V5. $\underline{43}$.X.

End of Change in Clause 1 End of Document

	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-010479	001		Missing Mapping table added and attribute qualifier corrected	4.0.0	4.1.0			
Dec 2001	S_14	SP-010646	002		Change type "integer" to "long" in the Generic Network Resources IRP: CORBA SS	4.1.0	4.2.0			
Dec 2001	S_14	SP-010647	003		Correction of Generic NRM CORBA Solution Set IDL definitions	4.1.0	4.2.0			
Sep 2002	S_17	SP-020488	004		Upgrade the NRM CORBA Solution Set to Rel-5	4.2.0	5.0.0			
Mar 2003	S_19	SP-030141	006		Replace Microsoft Word "" with straight Double Quotes - to avoid CORBA IDL Compilation Errors	5.0.0	5.1.0			
Mar 2004	S_23	SP-040128	800		Addition/correction of attributes for the managementScope association - Alignment with 32.622	5.1.0	5.2.0			

GPP TSG-SA5 (Telecom Management) S5-0484 Neeting #38, Beijing, CHINA, 10 - 14 May 2004											
	CHANGE REQUEST										
ж	32.623 CR 011 # rev - [#] Current version:	6.1.0 [#]									
For <u>HELP</u> on t	For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the X symbols.										
Proposed change	affects: UICC apps# ME Radio Access Network X	Core Network X									
Title: ¥	Correction of legal values for managedElementType attribute										
Source: #	SA5 (thomas.tovinger@ericsson.com)										
Work item code: #	€ OAM-NIM Date: ೫ 14	4/05/2004									
Category: ₩	Use one of the following categories:Use one of the following categories:F (correction)2A (corresponds to a correction in an earlier release)R96B (addition of feature),R97C (functional modification of feature)R98D (editorial modification)R99Detailed explanations of the above categories canRel-4be found in 3GPP TR 21.900.Rel-5	el-6 following releases: SM Phase 2) Iease 1996) Iease 1997) Iease 1998) Iease 1999) Iease 4) Iease 5)									
Reason for chang	re: # The reference to the relevant version of the IS will be wrong if on " Correction of legal values for managedElementType attril										
Summary of chang	ge: # The referenced version of the IS in the Scope clause is stepped version of the IS.	ed to the coming									
Consequences if not approved:	X The SS (this document) would refer to wrong version of the IS	۶.									
Clauses affected:	<mark>ቻ 1</mark>										
Other specs affected:	YN%XXOther core specificationsXTest specificationsXO&M Specifications										
Other comments:	* This is a child CR that must be approved with the correspondi	ing parent CR.									

1 Scope

The TS 32.620 series (Generic Network Resources IRP) defines an Integration Reference Point (IRP) through which an "IRPAgent" (typically an Element Manager or Network Element) can communicate Network Management related information to one or several "IRPManagers" (typically Network Managers).

This series of documents specifies a generic Network Resource Model, NRM (also referred to as a Management Information Model - MIM) with definitions of Information Object Classes and Managed Object Classes.

The present document specifies the CORBA Solution Set (SS).

This Solution Set specification is related to 3GPP TS 32.622 V6.24.X.

End of Change in Clause 1 End of Document

	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-010479	001		Missing Mapping table added and attribute qualifier corrected	4.0.0	4.1.0			
Dec 2001	S_14	SP-010646	002		hange type "integer" to "long" in the Generic Network Resources		4.2.0			
Dec 2001	S_14	SP-010647	003		Correction of Generic NRM CORBA Solution Set IDL definitions	4.1.0	4.2.0			
Sep 2002	S_17	SP-020488	004		Upgrade the NRM CORBA Solution Set to Rel-5	4.2.0	5.0.0			
Mar 2003	S_19	SP-030141	006		Replace Microsoft Word "" with straight Double Quotes - to avoid CORBA IDL Compilation Errors	5.0.0	5.1.0			
Dec 2003	S_22	SP-030648	007		Add SetofMcc attribute in Generic NRM IOCs for NRM alignment	5.1.0	6.0.0			
Mar 2004	S_23	SP-040128	009		Addition/correction of attributes for the managementScope association - Alignment with 32.622	6.0.0	6.1.0			

	(Telecom Management) ijing, CHINA, 10 - 14 May 2004	S5-048454
	CHANGE REQUEST	CR-Form-v7
ж	32.624 CR 018 # rev - [#] Current version: 5.3.	0 ^ж
For <u>HELP</u> on ι	sing this form, see bottom of this page or look at the pop-up text over the $lpha$:	symbols.
Proposed change	affects: UICC apps# ME Radio Access Network X Core	Network X
Title: #	Correction of legal values for managedElementType attribute	
Source: #	SA5 (thomas.tovinger@ericsson.com)	
Work item code: ¥	OAM-NIM Date: # 14/05/200	4
Category: ₩	FRelease: %Rel-5Use one of the following categories:Use one of the following categories:Use one of the following categories:F (correction)2(GSM PhaseA (corresponds to a correction in an earlier release)R96(Release 199B (addition of feature),R97(Release 199C (functional modification of feature)R98(Release 199D (editorial modification)R99(Release 199D tetailed explanations of the above categories canRel-4(Release 4)be found in 3GPP TR 21.900.Rel-5(Release 6)	2) 96) 97) 98)
Reason for change	on " Correction of legal values for managedElementType attribute" is a The format of the IS relation statement is using 'x' instead of 'X' – the should be used according to the IS template in TS 32.102 Annex C.	approved. latter
Summary of chang	re: # The referenced version of the IS in the Scope clause is stepped to the version of the IS. The format of the IS relation statement is changed to instead of 'x', according to the IS template in TS 32.102 Annex C.	
Consequences if not approved:	X The SS 32.624 would refer to wrong version of the IS 32.622.	
Clauses affected:	<mark>អ</mark> 1	
Other specs affected:	Y N % X Other core specifications % X Test specifications % X O&M Specifications	
Other comments:	# This is a child CR that must be approved with the corresponding pare	nt CR.

1 Scope

The present document specifies the Common Management Information Protocol (CMIP) Solution Set (SS) for the Generic Network Resource Integration Reference Point (IRP): Network Resource Model defined in 3GPP TS 32.622 [4].

This Solution Set specification is related to 3GPP TS 32.622 V5.42.X [4].

End of Change in Clause 1 End of Document

	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	800		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			
Dec 2003	S_22	SP-030642	012		Remove notifications from MOC managedFunction - Align with 32.622 (IS)	5.1.0	5.2.0			
Mar 2004	S_23	SP-040130	013		Correction of OIDs and alignment of notification support with the IS 32.622	5.2.0	5.3.0			

3GPP TSG-SA5 Meeting #38, Be										S	5-048455
			(CHANG	E REC	QUE	ST				CR-Form-v7
¥	32	<mark>.625</mark>	CR	010	жrev	-	ж	Current ver	sion:	5.2.0	ж
For <u>HELP</u> on t	using	this for	m, see	bottom of	this page of	r look	at th	e pop-up tex	t ovei	r the X syr	nbols.
Proposed change	affec	<i>ts:</i>	JICC a	ipps#	ME	Rad	dio A	ccess Netwo	ork <mark>X</mark>	Core Ne	etwork X
Title:	6 Co	rrectior	n of leg	<mark>gal values f</mark> o	or managed	Elem	entT	ype attribute			
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Work item code: #	8 <mark>0</mark> A	M-NIN						Date: ¥	3 <mark>14</mark>	/05/2004	
Category: \$	Deta	F (corr A (corr B (add C (fund D (edin iled exp	rection) respon lition of ctional torial m blanatic	owing catego ds to a correc feature), modification odification) ns of the abo <u>FR 21.900</u> .	ction in an ea of feature)		eleas	2	f the fo (GSI (Relo (Relo (Relo (Relo (Relo	I-5 ollowing rele M Phase 2) ease 1996) ease 1997) ease 1998) ease 1999) ease 4) ease 5) ease 6)	pases:
Reason for chang	ю: Ж	on " The f	Correct format	tion of lega of the IS re	l values for lation state	mana ment i	igedE is usi	IS will be wro ElementType ing 'x' instead in TS 32.10	attrik d of ')	oute" is app <' – the lat	proved.
Summary of chan	ge: Ж	versi	on of t	he IS. The f	format of th	e IS re	elatio	e clause is s on statement TS 32.102 /	is cha	anged to u	
Consequences if not approved:	ж	The	SS 32.	625 would	refer to wro	ng ve	rsion	of the IS 32	.622.		
Clauses affected:	ж	1									
Other specs affected:	ж	Y N X X X X	Test	r core speci specification Specification	าร	ж					
Other comments:	ж	This	<mark>is a c</mark> h	ild CR that	must be ap	prove	d wit	h the corresp	ondi	ng parent	CR.

1 Scope

The present document provides the NRM-specific part related to the Generic Network Resources IRP NRM [1] of the XML file format definition for the Bulk Configuration Management IRP IS [2].

The main part of this XML file format definition is provided by 3GPP TS 32.615 [3].

Bulk CM XML file formats are based on XML [4], XML Schema [5] [6] [7] and XML Namespace [8] standards.

This File Format Definition specification is related to 3GPP TS 32.622 (V5.43.X).

End of Change in Clause 1 End of Document

	Change history								
Date	····						New		
Jun 2002	S_16	SP-020298			Submitted to TSG SA #16 for Information	1.0.0			
Sep 2002	S_17	SP-020460			Submitted to TSG SA #17 for Approval	2.0.0	5.0.0		
Jun 2003	S_20	SP-030287	001		Correction of Generic NRM XML schema namespace URIs	5.0.0	5.1.0		
Jun 2003	S_20	SP-030288	002		Generic NRM XML schema dependencies removal	5.0.0	5.1.0		
Sep 2003					Editorials & Cosmetics	5.1.0	5.1.1		
Oct 2003					Attached to this TS the normative XML schema electronic files corresponding to Sept 2003 TS 32.625	5.1.1	5.1.2		
Mar 2004	S_23	SP-040131	004		Add the capability to contain instances of VsDataContainer to some MOs - Align with the IS 32.622	5.1.2	5.2.0		

	(Telecom Management) eijing, CHINA, 10 - 14 May 2004	S5-048456
	CHANGE REQUEST	CR-Form-v7
¥	32.625 CR 011 # rev - [#] Current version	^{ion:} 6.1.0 [#]
For <u>HELP</u> on ι	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 Networ	k X Core Network X
Title: #	Correction of legal values for managedElementType attribute	
Source: #	SA5 (thomas.tovinger@ericsson.com)	
Work item code: #	CAM-NIM Date: #	14/05/2004
Category: ₩	Use one of the following categories:Use one of the following categories:F (correction)2A (corresponds to a correction in an earlier release)R96B (addition of feature),R97C (functional modification of feature)R98D (editorial modification)R99Detailed explanations of the above categories canRel-4be found in 3GPP TR 21.900.Rel-5	Rel-6 the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)
Reason for change	on " Correction of legal values for managedElementType a The format of the IS relation statement is using 'x' instead should be used according to the IS template in TS 32.102	attribute" is approved. of 'X' – the latter Annex C.
Summary of chang	ge: # The referenced version of the IS in the Scope clause is sto version of the IS. The format of the IS relation statement is instead of 'x', according to the IS template in TS 32.102 A	s changed to use 'X'
Consequences if not approved:	# The SS 32.625 would refer to wrong version of the IS 32.6	322.
Clauses affected:	೫ 1	
Other specs affected:	Y N X Other core specifications % X Test specifications % X O&M Specifications	
Other comments:	# This is a child CR that must be approved with the correspondence	onding parent CR.

1 Scope

The present document provides the NRM-specific part related to the Generic Network Resources IRP NRM [1] of the XML file format definition for the Bulk Configuration Management IRP IS [2].

The main part of this XML file format definition is provided by 3GPP TS 32.615 [3].

Bulk CM XML file formats are based on XML [4], XML Schema [5] [6] [7] and XML Namespace [8] specifications.

This File Format Definition specification is related to 3GPP TS 32.622 (V6. $\underline{2}$, X).

End of Change in Clause 1 End of Document

Change history									
Date	Date TSG # TSG Doc. CR Rev Subject/Comment						New		
Jun 2002	S_16	SP-020298			Submitted to TSG SA #16 for Information	1.0.0			
Sep 2002	S_17	SP-020460			Submitted to TSG SA #17 for Approval	2.0.0	5.0.0		
Jun 2003	S_20	SP-030287	001		Correction of Generic NRM XML schema namespace URIs	5.0.0	5.1.0		
Jun 2003	S_20	SP-030288	002		Generic NRM XML schema dependencies removal	5.0.0	5.1.0		
Sep 2003					Editorials & Cosmetics	5.1.0	5.1.1		
Oct 2003					Attached to this TS the normative XML schema electronic files corresponding to Sept 2003 TS 32.625	5.1.1	5.1.2		
Dec 2003	S_22	SP-030648	003		Add SetofMcc attribute in Generic NRM XML definition for NRM alignment	5.1.2	6.0.0		
Mar 2004	S_23	SP-040131	005		Add the capability to contain instances of VsDataContainer to some MOs - Align with IS 32.622	6.0.0	6.1.0		