

Technical Specification Group Services and System Aspects **TSGS#11(01)010031**
Meeting #11, Palm Springs, CA, USA, 19-22 March 2001

Source: SA WG5

Title: CRs to Configuration Management; Part 7: Basic Configuration Management IRP CMIP Solution Set Version 1:1 (32.106-7)

Document for: Approval

Agenda Item: 7.5.3

Doc-1st-	Doc-	Spec	CR	R	Ph	Subject	Cat	Version-	Version-	Workitem
SP-010031	S5-010132	32.106-7	001		R9 9	Making 32106-7 (CMIP SS) compliant to 32106-5 (IS/IM)	F	3.0.0	3.1.0	OAM-CM
SP-010031	S5-010135	32.106-7	002		R9 9	Update 32.106-7 based on CR 001 of 32.106-5 (S5-010133)	F	3.0.0	3.1.0	OAM-CM

CR-Form-v3

CHANGE REQUEST

⌘ **32.106-7 CR 001** ⌘ rev **-** ⌘ Current version: **3.0.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Making 32.106-7 (CMIP SS) compliant to 32.106-5 (IS/IM)		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CM	Date:	⌘ 02/03/2001
Category:	⌘ F	Release:	⌘ R99
Use <u>one</u> of the following categories: F (essential 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)	

Reason for change:	⌘ Some GDMO specification in 32.106-7 v300 is not compliant to 32.106-5 v301. The attributes userLabel, vendorName, userDefinedState and locationName are defined for the MOC ManagementNode in 32.106-7 v300, but the GDMO definition of the MOC managementNode in 32.106-5 v301 doesn't include these attributes.
Summary of change:	⌘ To introduce the attributes userLabel, vendorName, userDefinedState and locationName into the GDMO definition of MOC managementNode in 32.106-7.
Consequences if not approved:	⌘ 32.106-7 (CMIP SS) v300 is not compliant to 32.106-5 (IS/IM).

Clauses affected:	⌘ 5.2	
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘
Other comments:	⌘	

5.2 Packages

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managementNodeBasicPackage PACKAGE

ATTRIBUTES

managementNodeId GET;

userDefinedState GET,

"Recommendation M.3100: 1995" : userLabel GET,

"Recommendation M.3100: 1995" : vendorName GET,

"Recommendation M.3100: 1995" : locationName GET;

REGISTERED AS {ts32-106-7BCMPackage 14};

.....

CR-Form-v3

CHANGE REQUEST

⌘ **32.106-7 CR 002** ⌘ rev **-** ⌘ Current version: **3.0.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Update 32.106-7 based on CR 001 of 32.106-5 (S5-010133)		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CM	Date:	⌘ 02/03/2001
Category:	⌘ F	Release:	⌘ R99
Use <u>one</u> of the following categories: F (essential 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)	

Reason for change:	⌘ Align 32.106-7 (CMIP SS) with the changes proposed in S5-010133 (CR 001 of 32.106-5).
Summary of change:	⌘ To remove the association between MOC nodeBFunction and MOC utranCell.
Consequences if not approved:	⌘ 32.106-7 (CMIP SS) is not compliant to the updated 32.106-5 (IS/IM).

Clauses affected:	⌘ 4.2.5, 5.1, 5.2, 5.4, 5.6		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	32.106-5 (CR 001 in S5-010133)
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘ This CR should be approved and implemented together with the CR 001 in S5-010133 (and vice versa).		

4.2.5 Mapping of Attributes

Table 11: Mapping of Attributes

Attribute defined in 3GPP TS 32.106-5 [15]	Attribute defined in this CMIP SS
alarmIRPId	alarmControllId
aucFunctionId	aucFunctionId
basicCmIRPId	basicCmControllId
bgFunctionId	bgFunctionId
dnPrefix	systemTitle
eirFunctionId	eirFunctionId
g3ManagedElementId	g3ManagedElementId
g3SubNetworkId	g3SubNetworkId
ggsnFunctionId	ggsnFunctionId
gmscFunctionId	gmscFunctionId
hlrFunctionId	hlrFunctionId
irpAgentId	irpAgentId
irpVersion	supportedBcmIRPVersions supportedAlarmIRPVersion (3GPP TS 32.111-4 [16]) supportedNotificationIRPVersion (3GPP TS 32.106-4 [16])
iubLinkId	iubLinkId
iubLink-NodeBFunction	iubLinkNodeBFunctionLink
iubLink-UtranCell	iubLinkUtranCellLink
locationName	locationName
managedBy	meManagedBy
managedElementType	managedElementType
managementNodeId	managementNodeId
manages	mnManagesList
meContextId	meContextId
mscFunctionId	mscFunctionId
vlrFunctionId	vlrFunctionId
nodeBFunctionId	nodeBFunctionId
nodeBFunction-IubLink	nodeBiubLinkLink
nodeBFunction-UtranCell	nodeButranCellLinkList
notificationIRPId	notificationControllId
rncFunctionId	rncFunctionId
sgsnFunctionId	sgsnFunctionId
smsGmscFunctionId	smsGmscFunctionId
smsIwmscFunctionId	smsIwmscFunctionId
systemDN	no equivalence
userDefinedState	userDefinedState
userLabel	userLabel
utranCellId	utranCellId
utranCell-IubLink	utranCelliubLinkLink
utranCell-NodeBFunction	utranCellNodeBLink
vendorName	vendorName

5.1 Managed Object Classes (MOCs)

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nodeBFunction MANAGED OBJECT CLASS

DERIVED FROM managedFunction;

CHARACTERIZED BY

nodeBFunctionBasicPackage,

nodeBFunctionMandatoryAssociationPackage;

CONDITIONAL PACKAGES

~~—nodeBFunctionOptionalAssociationPackage PRESENT IF~~
~~—“the attribute NodeB-UtranCell of MOC NodeBFunction defined in~~
~~3GPP TS 32.106-5 is supported by an instance of this class.”;~~
REGISTERED AS {ts32-106-7BCMObjectClass 16};

.....

utranCell MANAGED OBJECT CLASS

DERIVED FROM managedFunction;

CHARACTERIZED BY

utranCellBasicPackage;

CONDITIONAL PACKAGES

~~utranCellNodeBAssociationPackage PRESENT IF~~

~~—“the attribute UtranCell-NodeB of MOC UtranCell defined in 3GPP TS 32.106-5 is~~
~~supported by an instance of this class.”;~~

~~utranCellIubLinkAssociationPackage PRESENT IF~~

~~—“the attribute UtranCell-IubLink of MOC UtranCell defined in 3GPP TS 32.106-5 is~~
~~supported by an instance of this class.”;~~

REGISTERED AS {ts32-106-7BCMObjectClass 21};

5.2 Packages

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~~nodeBFunctionOptionalAssociationPackage~~ PACKAGE

~~—BEHAVIOUR~~

~~—nodeBFunctionOptionalAssociationPackageBehaviour;~~

~~—ATTRIBUTES~~

~~—nodeB-utranCellLinkList GET;~~

~~REGISTERED AS {ts32-106-7BCMPackage 16};~~

~~nodeBFunctionMandatoryAssociationPackage~~ PACKAGE

~~BEHAVIOUR~~

~~nodeBFunctionMandatoryAssociationPackageBehaviour;~~

~~ATTRIBUTES~~

~~nodeB-iubLinkLink GET;~~

~~REGISTERED AS {ts32-106-7BCMPackage 17};~~

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~~utranCellNodeBAssociationPackage~~ PACKAGE

~~—BEHAVIOUR~~

~~—utranCellNodeBAssociationPackageBehaviour;~~

~~—ATTRIBUTES~~

~~— utranCellNodeBLink GET;
REGISTERED AS {ts32-106-7BCMPackage-22};
.....~~

5.4 Attributes

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~~nodeButranCellLinkList~~ ATTRIBUTE

~~— WITH ATTRIBUTE SYNTAX TS32-106-7TypeModule.GeneralObjectPointerList;
— MATCHES FOR EQUALITY;
— BEHAVIOUR
— nodeButranCellLinkListBehaviour;
REGISTERED AS {ts32-106-7BCMAAttribute-21};~~

.....

~~utranCellNodeBLink~~ ATTRIBUTE

~~— WITH ATTRIBUTE SYNTAX TS32-106-7TypeModule.GeneralObjectPointer;
— MATCHES FOR EQUALITY;
— BEHAVIOUR
— utranCellNodeBLinkBehaviour;
REGISTERED AS {ts32-106-7BCMAAttribute-31};~~

5.6 Behaviours

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~~nodeBFunctionOptionalAssociationPackageBehaviour~~ BEHAVIOUR

~~— DEFINED AS
— "The attribute 'nodeButranCellLinkList' points to all the utranCell instances which
— this nodeBFunction instance connects directly to. It implements the attribute
— NodeBFunction-UtranCell of MOC NodeBFunction defined in TS32.106-5.";~~

~~nodeBFunctionMandatoryAssociationPackageBehaviour~~ BEHAVIOUR

~~DEFINED AS~~

~~"The attribute 'nodeBiubLinkLink' points to the iubLink instance which connects
to this nodeBFunction instance directly. It implements the attribute nodeB-IubLink
of MOC NodeBFunction defined in TS32.106-5.";~~

.....

~~nodeButranCellLinkListBehaviour~~ BEHAVIOUR

~~— DEFINED AS
— "This attribute points to all the untranCell instances which the related
— nodeBFunction instance connects directly to.";~~

.....

~~utranCellNodeBLinkBehaviour~~ BEHAVIOUR

~~—DEFINED AS~~

~~— " This attribute implements the attribute UtranCell NodeBFunction of MOC UtranCell~~

~~— Defined in TS32.106-5.";~~

~~.....~~

~~**utranCellNodeBAssociationPackageBehaviour** BEHAVIOUR~~

~~—DEFINED AS~~

~~— "The attribute 'utranCellNodeBLink' points to the nodeBFunction instance which~~

~~— connectes to this utranCell instance.";~~

~~.....~~