
Source: SA5 (Telecom Management)
Title: Rel-4 CR 32.623 , Rel-4 CR 32.643, Rel-4 CR 32.653 (S5-010761, S5-010779, S5-010762)
Document for: Decision
Agenda Item: 7.5.3

If the following "parent" CR is approved then also the attached "children" CRs can be approved: Rel-4 CR 32.643 (S5-010779) and Rel-4 CR 32.653 (S5-010762).

Doc-1st-	Spec	CR	R	Phas	Subject	C	Versi	Versi	Doc-2nd-	Workitem
SP-010646	32.623	002		Rel-4	Change type "integer" to "long" in the Generic Network Resources IRP: CORBA SS	F	4.1.0	4.2.0	S5-010761	OAM-CM

The below "children" CRs can only be approved if the above "parent" Rel-4 CR 32.623 (S5-010761) has been approved.

Doc-1st-	Spec	CR	R	Phas	Subject	C	Versi	Versi	Doc-2nd-	Workitem
SP-010646	32.643	001		Rel-4	Change type "integer" to "long" in the UTRAN Network Resources IRP: CORBA SS	F	4.0.0	4.1.0	S5-010779	OAM-CM
SP-010646	32.653	001		Rel-4	Change type "integer" to "long" in the GERAN Network Resources IRP: CORBA SS	F	4.0.0	4.1.0	S5-010762	OAM-CM

3GPP TSG-SA5 (Telecom Management)
Meeting #24, Cancun, MEXICO, 26 – 30 November 2001

S5-010761
S5C010510rev2

CR-Form-v4

CHANGE REQUEST

⌘ **32.623 CR 002** ⌘ ev **-** ⌘ Current version: **4.1.0** ⌘

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

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

Title:	⌘ Change type "integer" to "long" in the Generic Network Resources IRP: CORBA SS				
Source:	⌘ SA5				
Work item code:	⌘ OAM-CM	Date:	⌘ 30/11/2001		
Category:	⌘ F	Release:	⌘ REL-4		
	Use <u>one</u> of the following categories:		Use <u>one</u> 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 be found in 3GPP TR 21.900.		REL-4	(Release 4)	
			REL-5	(Release 5)	

Reason for change:	⌘ The CORBA Solution Set uses type integer that is not a valid CORBA IDL type. Furthermore, there is no further re-definition of integer to some other valid IDL type. Subsequently, the IDL file produces IDL compile-time error.
Summary of change:	⌘ Replace all occurrences of "integer" with "long". The "long" is a legal CORBA IDL type.
Consequences if not approved:	⌘ The CORBA IDL file, where "integer" is used, will generate IDL compile-time error.

Clauses affected:	⌘ Annex A
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications
	<input checked="" type="checkbox"/> O&M Specifications 32.643, 32.653
Other comments:	⌘ If this "parent" CR is approved then also the attached "children" CRs can be approved: Rel-4 CR 32.643 (S5-010779) and Rel-4 CR 32.653 (S5-010762).

```
/**
 * MOReferenceSet represents a set of MO references.
 * This type is used to hold 0..n MO references.
 * A referred MO is not allowed to be repeated (therefore
 * it is denoted as a "Set")
 */
typedef sequence<MOReference> MOReferenceSet;

/**
 * A set of strings.
 */
typedef sequence<string> StringSet;

/**
 * A set of integerslong.
 */
| typedef sequence<integerlong> LongIntegerSet;
| };

};

#endif
```

3GPP TSG-SA5 (Telecom Management)
Meeting #24, Cancun, MEXICO, 26 – 30 November 2001

S5-010779
S5C010512rev3

CR-Form-v4

CHANGE REQUEST

⌘ **32.643 CR 001** ⌘ ev **-** ⌘ Current version: **4.0.0** ⌘

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:	⌘ Change type "integer" to "long" in the UTRAN Network Resources IRP: CORBA SS				
Source:	⌘ SA5				
Work item code:	⌘ OAM-CM	Date:	⌘ 30/11/2001		
Category:	⌘ F	Release:	⌘ REL-4		
	Use <u>one</u> of the following categories:		Use <u>one</u> 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 be found in 3GPP TR 21.900.		REL-4	(Release 4)	
			REL-5	(Release 5)	

Reason for change:	⌘ The CORBA Solution Set uses type integer that is not a valid CORBA IDL type.
Summary of change:	⌘ Replace all occurrences of "integer" with "long".
Consequences if not approved:	⌘ The CORBA IDL file, where "integer" is used, will generate IDL compile-time error.

Clauses affected:	⌘ 5.2.1, 5.2.2, 5.2.5, 5.2.6	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘
	<input type="checkbox"/> Test specifications	
	<input type="checkbox"/> O&M Specifications	
Other comments:	⌘ This "child" CR can only be approved if its "parent" Rel-4 CR 32.623 (S5-010761) has been approved.	

5.2.1 MOC RncFunction

Table 18: Mapping from NRM MOC RncFunction attributes to SS equivalent MOC RncFunction attributes

NRM Attributes of MOC RncFunction in 3GPP TS 32.642 [4]	SS Attributes	SS Type	Qualifier
rncFunctionId	rncFunctionId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
mcc	mcc	integer long	Read-Write, M
mnc	mnc	long integer	Read-Write, M
rncId	rncId	long integer	Read-Write, M

5.2.2 MOC UtranCell

Table 19: Mapping from NRM MOC UtranCell attributes and associations to SS equivalent MOC UtranCell attributes

NRM Associations/Attributes of MOC UtranCell in 3GPP TS 32.642 [4]	SS Attributes	SS Type	Qualifier
utranCellId	utranCellId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
cId	cId	long integer	Read-Write, M
localCellId	localCellId	long integer	Read-Write, M
uarfcnUl	uarfcnUl	long integer	Read-Write, M
uarfcnDl	uarfcnDl	long integer	Read-Write, M
primaryScramblingCode	primaryScramblingCode	long integer	Read-Write, M
primaryCpichPower	primaryCpichPower	long integer	Read-Write, M
maximumTransmissionPower	maximumTransmissionPower	long integer	Read-Write, M
primarySchPower	primarySchPower	long integer	Read-Write, M
secondarySchPower	secondarySchPower	long integer	Read-Write, M
bchPower	bchPower	long integer	Read-Write, M
lac	lac	long integer	Read-Write, M
rac	rac	long integer	Read-Write, M
sac	sac	long integer	Read-Write, M
ura	ura	long integer	Read-Write, M
AssociatedWith/ utranCell-IubLink	utranCellIubLink	GenericNRIRPSystem::AttributeTypes::MOReference	Read-Only, M

5.2.5 MOC UtranRelation

Table 22: Mapping from NRM MOC UtranRelation attributes and associations to SS equivalent MOC UtranRelation attributes

NRM Associations/Attributes of MOC UtranRelation in 3GPP TS 32.642 [4]	SS Attributes	SS Type	Qualifier
utranRelationId	utranRelationId	string	Read-Only, M
relationType	relationType	string	Read-Write, M
adjacentCell	adjacentCell	string	Read-Write, M
uarfcnUl	uarfcnUl	longinteger	Read- Only, O
uarfcnDl	uarfcnDl	longinteger	Read- Only, O
primaryScramblingCode	primaryScramblingCode	longinteger	Read- Only, O
primaryCpichPower	primaryCpichPower	longinteger	Read- Only, O
lac	lac	longinteger	Read- Only, O

5.2.6 MOC ExternalUtranCell

Table 23: Mapping from NRM MOC ExternalUtranCell attributes and associations to SS equivalent MOC ExternalUtranCell attributes

NRM Associations/Attributes of MOC ExternalUtranCell in 3GPP TS 32.642 [4]	SS Attributes	SS Type	Qualifier
externalUtranCellId	externalUtranCellId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
cId	cId	longinteger	Read-Write, M
mcc	mcc	longinteger	Read-Write, M
mnc	mnc	longinteger	Read-Write, M
rncId	rncId	longinteger	Read-Write, M
uarfcnUl	uarfcnUl	longinteger	Read-Write, M
uarfcnDl	uarfcnDl	longinteger	Read-Write, M
primaryScramblingCode	primaryScramblingCode	longinteger	Read-Write, M
primaryCpichPower	primaryCpichPower	longinteger	Read-Write, M
lac	lac	longinteger	Read-Write, M
rac	rac	longinteger	Read-Write, M

3GPP TSG-SA5 (Telecom Management)
Meeting #24, Cancun, MEXICO, 26 – 30 November 2001

S5-010762
S5C010511rev2

CR-Form-v4

CHANGE REQUEST

⌘ **32.653 CR 001** ⌘ ev **-** ⌘ Current version: **4.0.0** ⌘

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:	⌘ Change type "integer" to "long" in the GERAN Network Resources IRP: CORBA SS		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CM Date: ⌘ 30/11/2001		
Category:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> ⌘ 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. </td> <td style="width: 50%; vertical-align: top;"> Release: ⌘ REL-4 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) </td> </tr> </table>	⌘ 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-4 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)
⌘ 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-4 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:	⌘ The CORBA Solution Set uses type integer that is not a valid CORBA IDL type.
Summary of change:	⌘ Replace all occurrences of "integer" with "long". The "long" is a legal CORBA IDL type.
Consequences if not approved:	⌘ The CORBA IDL file, where "integer" is used, will generate IDL compile-time error.

Clauses affected:	⌘ 5.2.2, 5.2.3, 5.2.4, 5.2.5									
Other specs affected:	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;"><input type="checkbox"/></td> <td style="width: 60%;">Other core specifications</td> <td style="width: 20%;">⌘</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Test specifications</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>O&M Specifications</td> <td></td> </tr> </table>	<input type="checkbox"/>	Other core specifications	⌘	<input type="checkbox"/>	Test specifications		<input type="checkbox"/>	O&M Specifications	
<input type="checkbox"/>	Other core specifications	⌘								
<input type="checkbox"/>	Test specifications									
<input type="checkbox"/>	O&M Specifications									
Other comments:	⌘ This "child" CR can only be approved if its "parent" Rel-4 CR 32.623 (S5-010761) has been approved.									

5.2.2 MOC BtsSiteMgr

Table 3: Mapping from NRM MOC BtsSiteMgr attributes to SS equivalent MOC BtsSiteMgr attributes

NRM Attributes of MOC BtsSiteMgr in 3GPP TS 32.652 [4]	SS Attributes	SS Type	Qualifier
btsSiteMgrId	btsSiteMgrId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
latitude	latitude	<u>integerlong</u>	Read-Write, O
longitude	longitude	<u>integerlong</u>	Read-Write, O

5.2.3 MOC GsmCell

Table 4: Mapping from NRM MOC GsmCell attributes to SS equivalent MOC GsmCell attributes

NRM Attributes of MOC GsmCell in 3GPP TS 32.652 [4]	SS Attributes	SS Type	Qualifier
gsmCellId	gsmCellId	string	Read-Only, M
userLabel	userLabel	string	Read-Write, M
cellIdentity	cellIdentity	<u>integerlong</u>	Read-Write, M
cellAllocation	cellAllocation	GenericNRIRP System::AttributesTypes::IntegerLongSet	Read-Write, M
ncc	ncc	<u>integerlong</u>	Read-Write, M
bcc	bcc	<u>integerlong</u>	Read-Write, M
lac	lac	<u>integerlong</u>	Read-Write, M
rac	rac	<u>integerlong</u>	Read-Write, O
racc	racc	<u>integerlong</u>	Read-Write, O
tsc	tsc	<u>integerlong</u>	Read-Write, M
rxLevAccessMin	rxLevAccessMin	<u>integerlong</u>	Read-Write, M
msTxPwrMaxCCH	msTxPwrMaxCCH	<u>integerlong</u>	Read-Write, M
hoppingSequenceNumber	hoppingSequenceNumber	<u>integerlong</u>	Read-Write, M
plmnPermitted	plmnPermitted	<u>integerlong</u>	Read-Write, M

5.2.4 MOC *GsmRelation*

Table 5: Mapping from NRM MOC *GsmRelation* attributes to SS equivalent MOC *GsmRelation* attributes

NRM Attributes of MOC <i>GsmRelation</i> in 3GPP TS 32.652 [4]	SS Attributes	SS Type	Qualifier
<i>gsmRelationId</i>	<i>gsmRelationId</i>	string	Read-Only, M
<i>relationType</i>	<i>relationType</i>	string	Read-Write, M
<i>adjacentCell</i>	<i>adjacentCell</i>	string	Read-Write, M
<i>bcchFrequency</i>	<i>bcchFrequency</i>	<u>integerlong</u>	Read- Only, O
<i>ncc</i>	<i>ncc</i>	<u>integerlong</u>	Read- Only, O
<i>bcc</i>	<i>bcc</i>	<u>integerlong</u>	Read- Only, O
<i>lac</i>	<i>lac</i>	<u>integerlong</u>	Read- Only, O

5.2.5 MOC *ExternalGsmCell*

Table 6: Mapping from NRM MOC *ExternalGsmCell* attributes to SS equivalent MOC *ExternalGsmCell* attributes

NRM Attributes of MOC <i>ExternalGsmCell</i> in 3GPP TS 32.652 [4]	SS Attributes	SS Type	Qualifier
<i>externalGsmCellId</i>	<i>externalGsmCellId</i>	string	Read-Only, M
<i>userLabel</i>	<i>userLabel</i>	string	Read-Write, M
<i>cellIdentity</i>	<i>cellIdentity</i>	<u>integerlong</u>	Read-Write, M
<i>bcchFrequency</i>	<i>bcchFrequency</i>	<u>integerlong</u>	Read-Write, M
<i>ncc</i>	<i>ncc</i>	<u>integerlong</u>	Read-Write, M
<i>bcc</i>	<i>bcc</i>	<u>integerlong</u>	Read-Write, M
<i>lac</i>	<i>lac</i>	<u>integerlong</u>	Read-Write, M
<i>rac</i>	<i>rac</i>	<u>integerlong</u>	Read-Write, O
<i>racc</i>	<i>racc</i>	<u>integerlong</u>	Read-Write, O