
Source: SA5 (Telecom Management)
Title: Rel-5 CR 32.635 Add missing elements in the Core Network XML file format definition
Document for: Approval
Agenda Item: 7.5.3

Doc-1 st - Level	Doc-2 nd - Level	Spec	CR	Rev	Phase	Subject	Cat	Ver- Cur	Wi
SP-040583	S5-048668	32.635	006	--	Rel-5	Add missing elements in the Core Network XML file format definition	F	5.3.0	OAM- NIM

CHANGE REQUEST

⌘ | **32.635 CR 006** | ⌘ rev - ⌘ | Current version: **5.3.0** | ⌘

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:	⌘ Add missing elements in the Core Network XML file format definition		
Source:	⌘ SA5 (john.power@ericsson.com)		
Work item code:	⌘ OAM-NIM	Date:	⌘ 20/08/2004
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:	⌘ When the Core Network IS and SSIs were updated in Rel-5, the XML file was not updated. The following classes were omitted: lucsLink, lupsLink, lubcLink, Alink, GbLink. SgsnFunction is not up to date with the IS.
Summary of change:	⌘ The following classes are added: lucsLink, lupsLink, lubcLink, Alink, GbLink. MscFunction is renamed MscServerFunction. SgsnFunction and MscServerFunction is updated.
Consequences if not approved:	⌘ The XML file will be inconsistent with the IS and SSIs.

Clauses affected:	⌘ Annex A						
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						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<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"/>						
	<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> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	⌘						

How to create CRs using this form:

Change in Clause Annex A

Annex A (normative): Configuration data file NRM-specific XML schema (file name "coreNrm.xsd")

The following XML schema coreNrm.xsd is the NRM-specific schema for the Core Network Resources IRP NRM defined in 3GPP TS 32.632 [1]:

```
<?xml version="1.0" encoding="UTF-8"?>

<!--
  3GPP TS 32.635 Core Network Resources IRP
  Bulk CM Configuration data file NRM-specific XML schema
  coreNrm.xsd
-->

<schema
  targetNamespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.635#coreNrm"
  elementFormDefault="qualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  xmlns:cn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.635#coreNrm"
>

  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  />

  <!-- Core Network Resources IRP NRM class associated XML elements -->

  <element
    name="MscServerFunction"
    substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
  >
    <complexType>
      <complexContent>
        <extension base="xn:NrmClass">
          <sequence>
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              <complexType>
                <all>
                  <element name="userLabel" minOccurs="0"/>
                  <element name="mccList" minOccurs="0"/>
                  <element name="mncList" minOccurs="0"/>
                  <element name="lacList" minOccurs="0"/>
                  <element name="sacList" minOccurs="0"/>
                  <element name="gcaList" minOccurs="0"/>
                  <element name="mscId" minOccurs="0"/>
                </all>
              </complexType>
            </element>
            <choice minOccurs="0" maxOccurs="unbounded">
              <element ref="cn:mscServerFunctionGSMcell"/>
              <element ref="cn:mscServerFunctionExternalGSMcell"/>
              <element ref="cn:mscServerFunctionCsMgwFunction"/>
              <element ref="xn:VsDataContainer"/>
            </choice>
          </sequence>
        </extension>
      </complexContent>
    </complexType>
  </element>
```

```

        </sequence>
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    </complexContent>
  </complexType>
</element>

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>
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          </element>
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</element>

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>
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                <element name="userLabel" minOccurs="0"/>
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</element>

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            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
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  </complexType>
</element>

```

```

        </complexType>
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</complexContent>
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>
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```

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  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
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>
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                <element name="lacList" minOccurs="0"/>
                <element name="racList" minOccurs="0"/>
                <element name="sacList" minOccurs="0"/>
                <element name="sgsnId" minOccurs="0"/>
              </all>
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          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
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            <element ref="cn:sgsnFunctionExternalGSMcell"/>
            <element ref="xn:VsDataContainer"/>
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        </sequence>

```

```

        </extension>
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</element>

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        </sequence>
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    </complexContent>
  </complexType>
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  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
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            <complexType>
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                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

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        </element>
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        </choice>
    </sequence>
</extension>
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</complexType>
</element>

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>
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        <complexContent>
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                    </choice>
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            </extension>
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</element>

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>
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>
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>
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>
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                <u><element name="connectedBss" minOccurs="0"/>
              <u></all>
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          <u></element>
        <u></sequence>
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        </complexType>
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</extension>
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                    <choice minOccurs="0" maxOccurs="unbounded">
                        <element ref="xn:VsDataContainer"/>
                    </choice>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
</element>

</schema>

```

<p>End of Change in Clause Annex A End of Document</p>

Annex C (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Mar 2004	S_23	SP-040131	003	--	Add the capability to contain instances of VsDataContainer to some MOs - Align with the IS 32.632	5.1.1	5.2.0
Jun 2004	S_24	SP-040259	004	--	Removal of XML schema URI dependencies	5.2.0	5.3.0
Jun 2004	S_24	SP-040258	005	--	Correction of the annex related to XML schema electronic files publication	5.2.0	5.3.0