
Source: SA5 (Telecom Management)
Title: Rel-5 CR 32.645 (UTRAN network resources IRP: Bulk CM XML file format definition) : Remove UTRAN NRM XML schema duplicate MOC attribute XML declarations
Document for: Approval
Agenda Item: 7.5.3

Doc-1st-	Spec	CR	R	Ph	Subject	Cat	Ver	Doc-2nd-	Workite
SP-030285	32.645	004	-	Rel-5	Remove UTRAN NRM XML schema duplicate MOC attribute XML declarations	F	5.0.0	S5-036546	OAM-NIM

CHANGE REQUEST

⌘ **32.645 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:	⌘ Remove UTRAN NRM XML schema duplicate MOC attribute XML declarations		
Source:	⌘ S5 Nortel Networks (bonneau@nortelnetworks.com)		
Work item code:	⌘ OAM-NIM	Date:	⌘ 23/05/2003
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:	⌘ There are erroneously duplicated MOC attribute XML element declarations.		
Summary of change:	⌘ <ul style="list-style-type: none"> • Removal of duplicate local XML element types "primaryScramblingCode" and "primaryCpichTxPower" in global XML element type "UtranRelation" • Removal of duplicate local XML element types "primaryScramblingCode" and "primaryCpichTxPower" in global XML element type "ExternalUtranCell" 		
Consequences if not approved:	⌘ Implementation of Rel-5 Bulk CM configuration data XML files would be impossible.		

Clauses affected:	⌘ 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> </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; text-align: center;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td style="width: 20px;"><input type="checkbox"/></td> </tr> </table> Test specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td style="width: 20px;"><input type="checkbox"/></td> </tr> </table> O&M Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Other comments:	⌘ The XML schema file "utranNrm.xsd" reflects the changes from this CR (only).						

Change in Clause Annex A

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

The following XML schema `utranNrm.xsd` is the NRM-specific schema for the UTRAN Network Resources IRP NRM defined in 3GPP TS 32.642 [1]:

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

<!--
  3GPP TS 32.645 UTRAN Network Resources IRP
  Bulk CM Configuration data file NRM-specific XML schema
  utranNrm.xsd
-->

<schema
  targetNamespace=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32645-500.zip#utranNrm"
  elementFormDefault="qualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32625-500.zip#genericNrm"
  xmlns:un=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32645-500.zip#utranNrm"
  xmlns:gn=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32655-500.zip#geranNrm"
>

  <import
    namespace=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32625-500.zip#genericNrm"
  />
  <import
    namespace=
"http://www.3gpp.org/ftp/specs/latest/rel-4/32_series/32655-500.zip#geranNrm"
  />

  <!-- UTRAN Network Resources IRP NRM attribute related XML simple types -->

  <simpleType name="localCellIdType">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="268435455"/>
    </restriction>
  </simpleType>

  <simpleType name="cIdType">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="65535"/>
    </restriction>
  </simpleType>

  <simpleType name="uarfcnDlType">
    <union>
      <simpleType>
        <restriction base="integer">
```

```

        <minInclusive value="9662"/>
        <maxInclusive value="9938"/>
    </restriction>
</simpleType>
<simpleType>
    <restriction base="integer">
        <minInclusive value="10562"/>
        <maxInclusive value="10838"/>
    </restriction>
</simpleType>
</union>
</simpleType>

<simpleType name="uarfcnUlType">
    <union>
        <simpleType>
            <restriction base="integer">
                <minInclusive value="9262"/>
                <maxInclusive value="9538"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="integer">
                <minInclusive value="9612"/>
                <maxInclusive value="9888"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

<simpleType name="primaryScramblingCodeType">
    <restriction base="integer">
        <minInclusive value="0"/>
        <maxInclusive value="511"/>
    </restriction>
</simpleType>

<simpleType name="primaryCpichTxPowerType">
    <restriction base="decimal">
        <fractionDigits value="1"/>
        <minInclusive value="-10"/>
        <maxInclusive value="+50"/>
    </restriction>
</simpleType>

<simpleType name="maximumTransmissionPowerType">
    <restriction base="decimal">
        <fractionDigits value="1"/>
        <minInclusive value="0"/>
        <maxInclusive value="50"/>
    </restriction>
</simpleType>

<simpleType name="primarySchPowerType">
    <restriction base="decimal">
        <fractionDigits value="1"/>
        <minInclusive value="-35"/>
        <maxInclusive value="+15"/>
    </restriction>
</simpleType>

<simpleType name="secondarySchPowerType">
    <restriction base="decimal">

```

```

    <fractionDigits value="1"/>
    <minInclusive value="-35"/>
    <maxInclusive value="+15"/>
  </restriction>
</simpleType>

<simpleType name="bchPowerType">
  <restriction base="decimal">
    <fractionDigits value="1"/>
    <minInclusive value="-35"/>
    <maxInclusive value="+15"/>
  </restriction>
</simpleType>

<simpleType name="lacType">
  <union>
    <simpleType>
      <restriction base="integer">
        <minInclusive value="1"/>
        <maxInclusive value="65533"/>
      </restriction>
    </simpleType>
    <simpleType>
      <restriction base="integer">
        <minInclusive value="65535"/>
        <maxInclusive value="65535"/>
      </restriction>
    </simpleType>
  </union>
</simpleType>

<simpleType name="racType">
  <restriction base="integer">
    <minInclusive value="0"/>
    <maxInclusive value="255"/>
  </restriction>
</simpleType>

<simpleType name="sacType">
  <restriction base="integer">
    <minInclusive value="0"/>
    <maxInclusive value="65535"/>
  </restriction>
</simpleType>

<simpleType name="uraType">
  <restriction base="integer">
    <minInclusive value="0"/>
    <maxInclusive value="65535"/>
  </restriction>
</simpleType>

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

<element name="RncFunction">
  <complexType>
    <complexContent>
      <extension base="xn:NrmClassXmlType">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
              </all>
            </complexType>
          </element>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

```

```

        <element name="mcc" minOccurs="0"/>
        <element name="mnc" minOccurs="0"/>
        <element name="rncId" minOccurs="0"/>
    </all>
</complexType>
</element>
<choice minOccurs="0" maxOccurs="unbounded">
    <element ref="un:UtranCell"/>
    <element ref="un:IubLink"/>
    <element ref="xn:VsDataContainer"/>
</choice>
</sequence>
</extension>
</complexContent>
</complexType>
</element>

<element name="NodeBFunction">
    <complexType>
        <complexContent>
            <extension base="xn:NrmClassXmlType">
                <sequence>
                    <element name="attributes" minOccurs="0">
                        <complexType>
                            <all>
                                <element name="userLabel" minOccurs="0"/>
                                <element name="nodeBFunctionIubLink" minOccurs="0"/>
                            </all>
                        </complexType>
                    </element>
                    <choice minOccurs="0" maxOccurs="unbounded">
                        <element ref="xn:VsDataContainer"/>
                    </choice>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
</element>

<element name="UtranCell">
    <complexType>
        <complexContent>
            <extension base="xn:NrmClassXmlType">
                <sequence>
                    <element name="attributes" minOccurs="0">
                        <complexType>
                            <all>
                                <element name="userLabel" minOccurs="0"/>
                                <element name="cId" type="un:cIdType" minOccurs="0"/>
                                <element
                                    name="localCellId"
                                    type="un:localCellIdType"
                                    minOccurs="0"
                                />
                                <element
                                    name="uarfcnUl"
                                    type="un:uarfcnDlType"
                                    minOccurs="0"
                                />
                                <element
                                    name="uarfcnDl"
                                    type="un:uarfcnUlType"
                                    minOccurs="0"
                                />
                            </all>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
</element>

```

```

    />
    <element
      name="primaryScramblingCode"
      type="un:primaryScramblingCodeType"
      minOccurs="0"
    />
    <element
      name="primaryCpichTxPower"
      type="un:primaryCpichTxPowerType"
      minOccurs="0"
    />
    <element
      name="maximumTransmissionPower"
      type="un:maximumTransmissionPowerType"
      minOccurs="0"
    />
    <element
      name="primarySchPower"
      type="un:primarySchPowerType"
      minOccurs="0"
    />
    <element
      name="secondarySchPower"
      type="un:secondarySchPowerType"
      minOccurs="0"
    />
    <element name="bchPower"
      type="un:bchPowerType"
      minOccurs="0"
    />
    <element name="lac" type="un:lacType" minOccurs="0" />
    <element name="rac" type="un:racType" minOccurs="0" />
    <element name="sac" type="un:sacType" minOccurs="0" />
    <element name="ura" type="un:uraType" minOccurs="0" />
    <element name="utranCellIubLink" minOccurs="0" />
  </all>
</complexType>
</element>
<choice minOccurs="0" maxOccurs="unbounded">
  <element ref="un:UtranRelation" />
  <element ref="gn:GsmRelation" />
  <element ref="xn:VsDataContainer" />
</choice>
</sequence>
</extension>
</complexContent>
</complexType>
</element>

<element name="IubLink">
  <complexType>
    <complexContent>
      <extension base="xn:NrmClassXmlType">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0" />
                <element name="iubLinkUtranCell" minOccurs="0" />
                <element name="iubLinkNodeBFunction" minOccurs="0" />
              </all>
            </complexType>
          </element>

```

```

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

<element name="UtranRelation">
  <complexType>
    <complexContent>
      <extension base="xn:NrmClassXmlType">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="relationType" minOccurs="0"/>
                <element name="adjacentCell" minOccurs="0"/>
                <element
                  name="uarfcnUl"
                  type="un:uarfcnUlType"
                  minOccurs="0"
                />
                <element
                  name="uarfcnDl"
                  type="un:uarfcnUlType"
                  minOccurs="0"
                />
                <element name="primaryScramblingCode" minOccurs="0"/>
                <element name="primaryCpichTxPower" minOccurs="0"/>
                <element
                  name="primaryScramblingCode"
                  type="un:primaryScramblingCodeType"
                  minOccurs="0"
                />
                <element
                  name="primaryCpichTxPower"
                  type="un:primaryCpichTxPowerType"
                  minOccurs="0"
                />
                <element name="lac" type="un:lacType" minOccurs="0"/>
              </all>
            </complexType>
          </element>
          <choice minOccurs="0" maxOccurs="unbounded">
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element name="ExternalUtranCell">
  <complexType>
    <complexContent>
      <extension base="xn:NrmClassXmlType">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
                <element name="cId" type="un:cIdType" minOccurs="0"/>
                <element name="mcc" minOccurs="0"/>
                <element name="mnc" minOccurs="0"/>
              </all>
            </complexType>
          </element>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

```



```
<element name="rncId" minOccurs="0"/>
<element
  name="uarfcnUl"
  type="un:uarfcnUlType"
  minOccurs="0"
/>
<element
  name="uarfcnDl"
  type="un:uarfcnDlType"
  minOccurs="0"
/>
<del><element name="primaryScramblingCode" minOccurs="0"/></del>
<del><element name="primaryCpichTxPower" minOccurs="0"/></del>
<element
  name="primaryScramblingCode"
  type="un:primaryScramblingCodeType"
  minOccurs="0"
/>
<element
  name="primaryCpichTxPower"
  type="un:primaryCpichTxPowerType"
  minOccurs="0"
/>
<element name="lac" type="un:lacType" minOccurs="0"/>
<element name="rac" type="un:racType" minOccurs="0"/>
</all>
</complexType>
</element>
</sequence>
</extension>
</complexContent>
</complexType>
</element>

</schema>
```

End of Change in Clause Annex A End of Document
--