

**Source:** SA5 (Telecom Management)  
**Title:** 2 Rel-5/6 CR 32645 Corrections of the XML code  
**Document for:** Approval  
**Agenda Item:** 7.5.3

Doc-1 <sup>st</sup> - Level	Doc-2 <sup>nd</sup> - Level	Spec	CR	Rev	Phase	Subject	Cat	Ver- Cur	Wi
SP-040592	S5-040523	32.645	012	--	Rel-5	Correction of the XML code ñ Reinsertion of itargetNamespace=î	F	5.5.0	OAM- NIM
SP-040592	S5-048695	32.645	013	--	Rel-6	Correction of the XML code ñ Reinsertion of the closing tag	F	6.0.0	OAM- NIM

## CHANGE REQUEST

⌘ **32.645 CR 012** ⌘ rev - ⌘ Current version: **5.5.0** ⌘

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

<b>Title:</b>	⌘ Correction of the XML code ñ Reinsertion of ìtargetNamespace=î		
<b>Source:</b>	⌘ SA5 (MCC)		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 23/08/2004
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> of the following releases: <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)

<b>Reason for change:</b>	⌘ The XML code does not parse.
<b>Summary of change:</b>	⌘ The erroneously deleted statement was re-introduced.
<b>Consequences if not approved:</b>	⌘ The XML code does not parse.

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

**How to create CRs using this form:**

<b>Change in Annex A</b>
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## Annex A (normative): Configuration data file NRM-specific XML schema (file name "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/archive/32_series/32.645#utranNrm"
  elementFormDefault="qualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  xmlns:un=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.645#utranNrm"
  xmlns:gn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.655#geranNrm"
>

  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  />
  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.655#geranNrm"
  />

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

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

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

  <simpleType name="uarfcnDl">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="16383"/>
    </restriction>
  </simpleType>

  <simpleType name="uarfcnUl">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="16383"/>
    </restriction>
  </simpleType>
```

```
</simpleType>

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

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

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

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

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

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

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

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

```

</simpleType>

<complexType name="uraList">
  <sequence>
    <element name="ura" minOccurs="1" maxOccurs="8">
      <simpleType>
        <restriction base="integer">
          <minInclusive value="0"/>
          <maxInclusive value="65535"/>
        </restriction>
      </simpleType>
    </element>
  </sequence>
</complexType>

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

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

```

```

<all>
  <element name="userLabel" minOccurs="0"/>
  <element name="cId" type="un:cId" minOccurs="0"/>
  <element
    name="localCellId"
    type="un:localCellId"
    minOccurs="0"
  />
  <element
    name="uarfcnUl"
    type="un:uarfcnUl"
    minOccurs="0"
  />
  <element
    name="uarfcnDl"
    type="un:uarfcnDl"
    minOccurs="0"
  />
  <element
    name="primaryScramblingCode"
    type="un:primaryScramblingCode"
    minOccurs="0"
  />
  <element
    name="primaryCpichTxPower"
    type="un:primaryCpichTxPower"
    minOccurs="0"
  />
  <element
    name="maximumTransmissionPower"
    type="un:maximumTransmissionPower"
    minOccurs="0"
  />
  <element
    name="primarySchPower"
    type="un:primarySchPower"
    minOccurs="0"
  />
  <element
    name="secondarySchPower"
    type="un:secondarySchPower"
    minOccurs="0"
  />
  <element name="bchPower"
    type="un:bchPower"
    minOccurs="0"
  />
  <element name="lac" type="un:lac" minOccurs="0"/>
  <element name="rac" type="un:rac" minOccurs="0"/>
  <element name="sac" type="un:sac" minOccurs="0"/>
  <element name="uraList" type="un:uraList" 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:NrmClass">
        <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>

```

```

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

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

<element
  name="ExternalUtranCell"
  substitutionGroup="xn:SubNetworkOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0" />
                <element name="cId" type="un:cId" minOccurs="0" />
                <element name="mcc" minOccurs="0" />
                <element name="mnc" minOccurs="0" />
                <element name="rncId" minOccurs="0" />
                <element
                  name="uarfcnUl"
                  type="un:uarfcnUl"
                  minOccurs="0"
                />
                <element
                  name="uarfcnDl"
                  type="un:uarfcnDl"
                  minOccurs="0"
                />
              </all>
            </complexType>
          </element>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

```

```

/>
<element
  name="primaryScramblingCode"
  type="un:primaryScramblingCode"
  minOccurs="0"
/>
<element
  name="primaryCpichTxPower"
  type="un:primaryCpichTxPower"
  minOccurs="0"
/>
<element name="lac" type="un:lac" minOccurs="0"/>
<element name="rac" type="un:rac" minOccurs="0"/>
</all>
</complexType>
</element>
<choice minOccurs="0" maxOccurs="unbounded">
  <element ref="xn:VsDataContainer"/>
</choice>
</sequence>
</extension>
</complexContent>
</complexType>
</element>
</schema>

```

## Annex C (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2002	S_16	SP-020298	--	--	Submitted to TSG SA #16 for Information	1.0.0	
Sep 2002	S_17	SP-020462	--	--	Submitted to TSG SA #17 for Approval	2.0.0	5.0.0
Jun 2003	S_20	SP-030283	001	--	Deletion of UTRAN attribute relationType in XML Schema	5.0.0	5.1.0
Jun 2003	S_20	SP-030287	002	--	Correction of UTRAN NRM XML schema namespace URIs	5.0.0	5.1.0
Jun 2003	S_20	SP-030288	003	--	Generic NRM XML schema dependencies removal	5.0.0	5.1.0
Jun 2003	S_20	SP-030285	004	--	Remove UTRAN NRM XML schema duplicate MOC attribute XML declarations	5.0.0	5.1.0
Sep 2003	S_21	SP-030418	005	--	Inclusion of External BSS Function in GERAN XML Schema ñ impacts on 32.645 (UTRAN XML Schema) - Alignment with 32.652/655	5.1.0	5.2.0
Oct 2003	--	--	--	--	Attached to this TS the normative XML schema electronic files corresponding to Sept 2003 TS 32.645	5.2.0	5.2.1
Dec 2003	S_22	SP-030646	006	--	Correction of the number of possible URAs from 1 to 8	5.2.1	5.3.0
Mar 2004	S_23	SP-040131	007	--	Add the capability to contain instances of VsDataContainer to some MOs - Align with the IS 32.642	5.3.0	5.4.0
Jun 2004	S_24	SP-040259	008	--	Removal of XML schema URI dependencies	5.4.0	5.5.0
Jun 2004	S_24	SP-040258	009	--	Correction of the annex related to XML schema electronic files publication	5.4.0	5.5.0
Jun 2004	S_24	SP-040254	010	--	The specification does not support all UMTS frequency bands	5.4.0	5.5.0



## CHANGE REQUEST

⌘ **32.645 CR 013** ⌘ rev - ⌘ Current version: **6.0.0** ⌘

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

<b>Title:</b>	⌘ Correction of the XML code ñ Reinsertion of the closing tag		
<b>Source:</b>	⌘ SA5 (robert.petersen@Ericsson.com)		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 20/08/2004
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-6
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		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)

<b>Reason for change:</b>	⌘ The XML code do not parse.
<b>Summary of change:</b>	⌘ The missing closing tag was added.
<b>Consequences if not approved:</b>	⌘ The XML code can not be used, as it does not parse.

<b>Clauses affected:</b>	⌘ Annex A						
<b>Other specs affected:</b>	<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="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	<input checked="" type="checkbox"/>					
<input checked="" type="checkbox"/>							
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	<input checked="" type="checkbox"/>					
<input checked="" type="checkbox"/>							
<b>Other comments:</b>	⌘						

**How to create CRs using this form:**

## Change in Clause Annex A

# Annex A (normative): Configuration data file NRM-specific XML schema (file name "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/archive/32_series/32.645#utranNrm"
  elementFormDefault="qualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  xmlns:un=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.645#utranNrm"
  xmlns:gn=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.655#geranNrm"
>

  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  />
  <import
    namespace=
"http://www.3gpp.org/ftp/specs/archive/32_series/32.655#geranNrm"
  />

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

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

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

  <simpleType name="uarfcnAnyMode">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="16383"/>
    </restriction>
  </simpleType>

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

  <simpleType name="primaryCpichTxPower">
    <restriction base="decimal">
      <fractionDigits value="1"/>
    </restriction>
  </simpleType>

```

```
<minInclusive value="-10"/>
<maxInclusive value="+50"/>
</restriction>
</simpleType>

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

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

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

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

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

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

<complexType name="uraList">
  <sequence>
    <element name="ura" minOccurs="1" maxOccurs="8">
      <simpleType>
        <restriction base="integer">
          <minInclusive value="0"/>
          <maxInclusive value="65535"/>
        </restriction>
      </simpleType>
    </element>
  </sequence>
</complexType>
```

```

    </sequence>
  </complexType>

  <simpleType name="cellMode">
    <restriction base="string">
      <enumeration value="FDDMode"/>
      <enumeration value="3-84McpsTDDMode"/>
      <enumeration value="1-28McpsTDDMode"/>
    </restriction>
  </simpleType>

  <simpleType name="cellParameterId">
    <restriction base="integer">
      <minInclusive value="0"/>
      <maxInclusive value="127"/>
    </restriction>
  </simpleType>

  <simpleType name="primaryCcpchPower">
    <restriction base="decimal">
      <fractionDigits value="1"/>
      <minInclusive value="-15"/>
      <maxInclusive value="+40"/>
    </restriction>
  </simpleType>

  <simpleType name="dwPchPower">
    <restriction base="decimal">
      <fractionDigits value="1"/>
      <minInclusive value="-15"/>
      <maxInclusive value="+40"/>
    </restriction>
  </simpleType>

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

  <complexType name="timeSlotList">
    <sequence>
      <element name="timeSlot" maxOccurs="15">
        <complexType>
          <all>
            <element name="timeSlotId" minOccurs="1">
              <simpleType>
                <restriction base="integer">
                  <minInclusive value="0"/>
                  <maxInclusive value="14"/>
                </restriction>
              </simpleType>
            </element>
            <element name="timeSlotDirection" minOccurs="1">
              <simpleType>
                <restriction base="string">
                  <enumeration value="UL"/>
                  <enumeration value="DL"/>
                </restriction>
              </simpleType>
            </element>
            <element name="timeSlotStatus" minOccurs="1">
              <simpleType>
                <restriction base="string">
                  <enumeration value="Active"/>
                  <enumeration value="Not-Active"/>
                </restriction>
              </simpleType>
            </element>
          </all>
        </complexType>
      </element>
    </sequence>
  </complexType>

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

```

```

<element
  name="RncFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
                <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:TubLink"/>
            <element ref="xn:VsDataContainer"/>
          </choice>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

<element
  name="NodeBFunction"
  substitutionGroup="xn:ManagedElementOptionallyContainedNrmClass"
>
  <complexType>
    <complexContent>
      <extension base="xn:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
                <element name="nodeBFunctionTubLink" 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:NrmClass">
        <sequence>
          <element name="attributes" minOccurs="0">
            <complexType>
              <all>
                <element name="userLabel" minOccurs="0"/>
                <element name="cId" type="un:cId" minOccurs="0"/>
                <element
                  name="localCellId"
                  type="un:localCellId"
                  minOccurs="0"
                />
                <element
                  name="uarfcnUl"
                  type="un:uarfcnAnyMode"
                  minOccurs="0"
                />
                <element
                  name="uarfcnDl"
                  type="un:uarfcnAnyMode"
                />
              </all>
            </complexType>
          </element>
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</element>

```

```

        minOccurs="0"
    />
    <element
        name="primaryScramblingCode"
        type="un:primaryScramblingCode"
        minOccurs="0"
    />
    <element
        name="primaryCpichTxPower"
        type="un:primaryCpichTxPower"
        minOccurs="0"
    />
    <element
        name="maximumTransmissionPower"
        type="un:maximumTransmissionPower"
        minOccurs="0"
    />
    <element
        name="primarySchPower"
        type="un:primarySchPower"
        minOccurs="0"
    />
    <element
        name="secondarySchPower"
        type="un:secondarySchPower"
        minOccurs="0"
    />
    <element name="bchPower" type="un:bchPower" minOccurs="0"/>
    <element name="cellMode" type="un:cellMode" minOccurs="0"/>
    <element name="uarfcn" type="un:uarfcnAnyMode" minOccurs="0"/>
    <element
        name="cellParameterId"
        type="un:cellParameterId"
        minOccurs="0"
    />
    <element
        name="primaryCcpchPower"
        type="un:primaryCcpchPower"
        minOccurs="0"
    />
    <element
        name="dwPchPower"
        type="un:dwPchPower"
        minOccurs="0"
    />
    <element
        name="timeSlotList"
        type="un:timeSlotList"
        minOccurs="0"
    />
    <element name="schPower" type="un:schPower" minOccurs="0"/>
    <element name="lac" type="un:lac" minOccurs="0"/>
    <element name="rac" type="un:rac" minOccurs="0"/>
    <element name="sac" type="un:sac" minOccurs="0"/>
    <element name="uraList" type="un:uraList" 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>
</complexType>
</element>

<element name="IubLink">
    <complexType>
        <complexContent>
            <extension base="xn:NrmClass">
                <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>
<choice minOccurs="0" maxOccurs="unbounded">
    <element ref="xn:VsDataContainer"/>
</choice>
</sequence>
</extension>
</complexContent>
</complexType>
</element>

<element name="UtranRelation">
    <complexType>
        <complexContent>
            <extension base="xn:NrmClass">
                <sequence>
                    <element name="attributes" minOccurs="0">
                        <complexType>
                            <all>
                                <element name="adjacentCell" minOccurs="0"/>
                                <element name="cellMode" type="un:cellMode" minOccurs="0"/>
                                <element
                                    name="uarfcnUl"
                                    type="un:uarfcnAnyMode"
                                    minOccurs="0"
                                />
                                <element
                                    name="uarfcnDl"
                                    type="un:uarfcnAnyMode"
                                    minOccurs="0"
                                />
                                <element
                                    name="primaryScramblingCode"
                                    type="un:primaryScramblingCode"
                                    minOccurs="0"
                                />
                                <element
                                    name="primaryCpichTxPower"
                                    type="un:primaryCpichTxPower"
                                    minOccurs="0"
                                />
                                <element name="lac" type="un:lac" minOccurs="0"/>
                                <element name="uarfcn" type="un:uarfcnAnyMode" minOccurs="0"/>
                                <element
                                    name="cellParameterId"
                                    type="un:cellParameterId"
                                    minOccurs="0"
                                />
                                <element
                                    name="primaryCcpchPower"
                                    type="un:primaryCcpchPower"
                                    minOccurs="0"
                                />
                            </all>
                        </complexType>
                    </element>
                    <choice minOccurs="0" maxOccurs="unbounded">
                        <element ref="xn:VsDataContainer"/>
                    </choice>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
</element>

<element
    name="ExternalUtranCell"
    substitutionGroup="xn:SubNetworkOptionallyContainedNrmClass"
>
    <complexType>
        <complexContent>
            <extension base="xn:NrmClass">
                <sequence>
                    <element name="attributes" minOccurs="0">

```

```
<complexType>
  <all>
    <element name="userLabel" minOccurs="0"/>
    <element name="cId" type="un:cId" minOccurs="0"/>
    <element name="mcc" minOccurs="0"/>
    <element name="mnc" minOccurs="0"/>
    <element name="rncId" minOccurs="0"/>
    <element name="cellMode" type="un:cellMode" minOccurs="0"/>
    <element
      name="uarfcnUl"
      type="un:uarfcnAnyMode"
      minOccurs="0"
    />
    <element
      name="uarfcnDl"
      type="un:uarfcnAnyMode"
      minOccurs="0"
    />
    <element
      name="primaryScramblingCode"
      type="un:primaryScramblingCode"
      minOccurs="0"
    />
    <element
      name="primaryCpichTxPower"
      type="un:primaryCpichTxPower"
      minOccurs="0"
    />
    <element name="uarfcn" type="un:uarfcnAnyMode" minOccurs="0"/>
    <element
      name="cellParameterId"
      type="un:cellParameterId"
      minOccurs="0"
    />
    <element
      name="primaryCcpchPower"
      type="un:primaryCcpchPower"
      minOccurs="0"
    />
    <element name="lac" type="un:lac" minOccurs="0"/>
    <element name="rac" type="un:rac" minOccurs="0"/>
  </all>
</complexType>
</element>
<choice minOccurs="0" maxOccurs="unbounded">
  <element ref="xn:VsDataContainer"/>
</choice>
</sequence>
</extension>
</complexContent>
</complexType>
</element>
</schema>
```

<b>End of Change in Annex A.1</b> <b>End of Document</b>
---



## Annex C (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2002	S_16	SP-020298	--	--	Submitted to TSG SA #16 for Information	1.0.0	
Sep 2002	S_17	SP-020462	--	--	Submitted to TSG SA #17 for Approval	2.0.0	5.0.0
Jun 2003	S_20	SP-030283	001	--	Deletion of UTRAN attribute relationType in XML Schema	5.0.0	5.1.0
Jun 2003	S_20	SP-030287	002	--	Correction of UTRAN NRM XML schema namespace URIs	5.0.0	5.1.0
Jun 2003	S_20	SP-030288	003	--	Generic NRM XML schema dependencies removal	5.0.0	5.1.0
Jun 2003	S_20	SP-030285	004	--	Remove UTRAN NRM XML schema duplicate MOC attribute XML declarations	5.0.0	5.1.0
Sep 2003	S_21	SP-030418	005	--	Inclusion of External BSS Function in GERAN XML Schema ñ impacts on 32.645 (UTRAN XML Schema) - Alignment with 32.652/655	5.1.0	5.2.0
Oct 2003	--	--	--	--	Attached to this TS the normative XML schema electronic files corresponding to Sept 2003 TS 32.645	5.2.0	5.2.1
Dec 2003	S_22	SP-030646	006	--	Correction of the number of possible URAs from 1 to 8	5.2.1	5.3.0
Mar 2004	S_23	SP-040131	007	--	Add the capability to contain instances of VsDataContainer to some MOs - Align with the IS 32.642	5.3.0	5.4.0
Jun 2004	S_24	SP-040259	008	--	Removal of XML schema URI dependencies	5.4.0	5.5.0
Jun 2004	S_24	SP-040258	009	--	Correction of the annex related to XML schema electronic files publication	5.4.0	5.5.0
Jun 2004	S_24	SP-040254	010	--	The specification does not support all UMTS frequency bands	5.4.0	5.5.0
Jun 2004	S_24	SP-040256	011	--	Add XML definitions for support of TDD modes	5.5.0	6.0.0