

**Source:** SA5 (Telecom Management)  
**Title:** Rel-6 CR 32.643 Correct the definitions in the `CellModeEnumType` and `TimeSlotStatusType`  
**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-040590	S5-048713	32.643	013	--	Rel-6	Correct the definitions in the <code>CellModeEnumType</code> and <code>TimeSlotStatusType</code>	F	6.1.0	OAM- NIM

## CHANGE REQUEST

⌘ **32.643 CR 013** ⌘ rev - ⌘ Current version: **6.1.0** ⌘

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

**Proposed change affects:** | UICC apps ⌘  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correct the definintions in the `iCellModeEnumType` and `iTimeSlotStatusType`		
<b>Source:</b>	⌘ SA5 (luoyunzhong@datangmobile.cn)		
<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: <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>	⌘ Syntax error on IDL specification		
<b>Summary of change:</b>	⌘ Correction of the definintion in the `iCellModeEnumType` and `iTimeSlotStatusType`		
<b>Consequences if not approved:</b>	⌘ The definition of the `iCellModeEnumType` and `iTimeSlotStatusType` are not correct.		

<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						
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	<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"/>	⌘	
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	<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"/>						
<b>Other comments:</b>	⌘						

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

## Annex A (normative): CORBA IDL, NRM definitions

### A.1 IDL specification (file name "UtranNetworkResourcesNRMDefs.idl")

```
#ifndef UtranNetworkResourcesNRMDefs_idl
#define UtranNetworkResourcesNRMDefs_idl

#pragma prefix "3gppsa5.org"

/**
 * This module defines constants for each MO class name and
 * the attribute names for each defined MO class.
 */
module UtranNetworkResourcesNRMDefs
{

    /**
     * Definitions for MO class RncFunction
     */
    interface RncFunction
    {
        const string CLASS = "RncFunction";

        // Attribute Names
        //
        const string rncFunctionId = "rncFunctionId";
        const string userLabel = "userLabel";
        const string mcc= "mcc";
        const string mnc= "mnc";
        const string rncId= "rncId";
    };

    /**
     * Definitions for MO class UtranCell
     */
    interface UtranCell
    {
        const string CLASS = "UtranCell";

        // Attribute Names
        //
        const string utranCellId = "utranCellId";
        const string userLabel = "userLabel";
        const string utranCellIubLink = "utranCellIubLink";
        const string cId= "cId";
        const string localCellId= "localCellId";
        const string uarfcnUl= "uarfcnUl";
        const string uarfcnDl= "uarfcnDl";
        const string primaryScramblingCode= "primaryScramblingCode";
    };
};
```

```

const string primaryCpichPower= "primaryCpichPower";
const string maximumTransmissionPower= "maximumTransmissionPower";
const string primarySchPower= "primarySchPower";
const string secondarySchPower= "secondarySchPower";
const string bchPower= "bchPower";
const string cellMode = "cellMode";
const string uarfcn= "uarfcn";
const string cellParameterId= "cellParameterId";
const string primaryCcpchPower= "primaryCcpchPower";
const string dwPchPower= "dwPchPower";
const string timeSlotList= "timeSlotList";
const string schPower= "schPower";
const string lac= "lac";
const string rac= "rac";
const string sac= "sac";
const string uraList= "uraList";

};

/**
 * Definitions for MO class NodeBFunction
 */
interface NodeBFunction
{
    const string CLASS = "NodeBFunction";

    // Attribute Names
    //
    const string nodeBFunctionId = "nodeBFunctionId";
    const string userLabel = "userLabel";
    const string nodeBFunctionIubLink = "nodeBFunctionIubLink";
};

/**
 * Definitions for MO class IubLink
 */
interface IubLink
{
    const string CLASS = "IubLink";

    // Attribute Names
    //
    const string iubLinkId = "iubLinkId";
    const string userLabel = "userLabel";
    const string iubLinkNodeBFunction = "iubLinkNodeBFunction";
    const string iubLinkUtranCell = "iubLinkUtranCell";

};

};

/**
 * Definitions for MO class UtranRelation
 */
interface UtranRelation
{
    const string CLASS = "UtranRelation";

    // Attribute Names

```

```

//
const string utranRelationId = "utranRelationId";
const string adjacentCell = "adjacentCell";
const string uarfcnUl= "uarfcnUl";
const string uarfcnDl= "uarfcnDl";
const string primaryScramblingCode= "primaryScramblingCode";
const string primaryCpichPower= "primaryCpichPower";
const string cellMode = "cellMode";
const string uarfcn= "uarfcn";
const string cellParameterId= "cellParameterId";
const string primaryCcpchPower= "primaryCcpchPower";
const string lac= "lac";
};

/**
 * Definitions for MO class ExternalUtranCell
 */
interface ExternalUtranCell
{
    const string CLASS = "ExternalUtranCell";

    // Attribute Names
    //
const string externalUtranCellId = "externalUtranCellId";
const string userLabel = "userLabel";
const string cId= "cId";
const string mcc= "mcc";
const string mnc= "mnc";
const string rncId= "rncId";
const string uarfcnUl= "uarfcnUl";
const string uarfcnDl= "uarfcnDl";
const string primaryScramblingCode= "primaryScramblingCode";
const string primaryCpichPower= "primaryCpichPower";
const string cellMode = "cellMode";
const string uarfcn= "uarfcn";
const string cellParameterId= "cellParameterId";
const string primaryCcpchPower= "primaryCcpchPower";
const string lac= "lac";
const string rac= "rac";

};

/**
 * This module adds datatype definitions for both FDD and TDD mode
 * attributes used in the NRM which are not the basic datatypes
 * already defined in CORBA.
 */
module GenericNRMAtributeTypes
{
    enum CellModeEnumType
    {
        FDDMode,
        3-84McpsTDDMode_1_28Mcps,
        1-28McpsTDDMode_3_84Mcps
    };
};

/**
 * This module adds datatype definitions for TDD mode attributes
 * used in the NRM which are not the basic datatypes already defined

```

```

*   in CORBA.
*/
module TDDNRMAAttributeTypes
{
    enum TimeSlotDirectionType
    {
        UL,
        DL
    };

    enum TimeSlotStatusType
    {
        Active,
        Not_ = Active
    };

    struct TimeSlotConfigStructType
    {
        short timeSlotId;
        TimeSlotDirectionType timeSlotDirection;
        TimeSlotStatusType timeSlotStatus;
    };

    typedef sequence<TimeSlotConfigStructType> TimeSlotListConfigStructType;

};

#endif

```

**End of Change in Annex A**  
**End of Document**

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## Annex E (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2001	S_12	SP-010283	--	--	Approved at TSG SA #12 and placed under Change Control	2.0.0	4.0.0
Dec 2001	S_14	SP-010646	001	--	Change type "integer" to "long" in the UTRAN Network Resources IRP: CORBA SS	4.0.0	4.1.0
Sep 2002	S_17	SP-020493	002	--	Upgrade to Rel-5	4.1.0	5.0.0
Jun 2003	S_20	SP-030283	004	--	Deletion of UTRAN attribute relationType from CORBA SS.	5.0.0	5.1.0
Dec 2003	S_22	SP-030646	006	--	Correction of the number of possible URAs from 1 to 8	5.1.0	5.2.0
Mar 2004	S_23	SP-040129	007	--	Enhancement of CORBA SS for support of both FDD and TDD modes	5.2.0	6.0.0
Jun 2004	S_24	SP-040254	009	--	The specification does not support all UMTS frequency bands	6.0.0	6.1.0