Source: **SA5 (Telecom Management)**

Title: **Rel-99 CR 32.106-6 (Basic Configuration Management IRP CORBA solution set) : Remove characters causing IDL Compilation error**

Document for: **Decision**

Agenda Item: **7.5.3**

Doc-1st-Level	Spec	CR	Ph	Subject	Cat	Ver-Cur	Doc-2nd-Level	WI
SP-030625	32.106-6	011	R99	Remove characters causing IDL Compilation error	F	3.3.0	S5-037275	CM

CR-Form-v7

CHANGE REQUEST

⌘ 32.106-6 CR 011 ⌘rev - ⌘ Current version: 3.3.0 ⌘

*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 [X] Core Network [X]

Title:	⌘	Remove characters causing IDL Compilation error
Source:	⌘	**SA5** (islip@lucent.com)
Work item code:	⌘	CM
Date:	⌘	21/11/2003
Category:	⌘	**F**
Release:	⌘	R99

Use one 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 one 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:	⌘	Correction to remove characters causing IDL Compilation error
Summary of change:	⌘	Delete characters causing the error
Consequences if not approved:	⌘	The standard IDL cannot be taken 'as is' and compiled. It is necessary to perform additional editing to permit error free compilation.

Clauses affected:	⌘	Annex C

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

KEEP the History box of the TS to be changed (see end of the present document), please

Start of Change in Annex C

Annex C (normative):
CORBA IDL, NRM Definitions

```
#ifndef BasicCmNRMDefs_idl
#define BasicCmNRMDefs_idl

#pragma prefix "3gppsa5.org"

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

...
...

      /**
       *  Definitions for MO class G3SubNetwork
       */
      interface G3SubNetwork
      {
         const string CLASS = "G3SubNetwork";

         // Attribute Names
         //
         const string g3SubNetworkId = "g3SubNetworkId";
         const string dnPrefix = "dnPrefix";
         const string userLabel = "userLabel";
      };

      /**
       *  Definitions for MO class G3ManagedElement
       */
      interface G3ManagedElement
      {
         const string CLASS = "G3ManagedElement";

         // Attribute Names
         //
         const string g3ManagedElementId = "g3ManagedElementId";
         const string dnPrefix = "dnPrefix";
         const string managedElementType = "managedElementType";
         const string userLabel = "userLabel";
         const string vendorName = "vendorName";
         const string userDefinedState ="userDefinedState";
         const string locationName ="locationName";

         const string managedBy = "managedBy";

      };


      /**
       *  Definitions for MO class MeContext
       */
```

```
interface MeContext
{
   const string CLASS = "MeContext";

   // Attribute Names
   //
   const string meContextId = "meContextId";
   const string dnPrefix = "dnPrefix";
};

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

   // Attribute Names
   //
   const string managementNodeId = "managementNodeId";
   const string userLabel = "userLabel";
   const string vendorName = "vendorName";
   const string userDefinedState = "userDefinedState";
   const string locationName = "locationName";
   const string manages = "manages";

};


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

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


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

   // Attribute Names
   //
   const string irpAgentId = "irpAgentId";
   const string systemDN = "systemDN";
};



/**
 *  Definitions for MO class NotificationIRP
 */
interface NotificationIRP
{
```

```
   const string CLASS = "NotificationIRP";

   // Attribute Names
   //
   const string notificationIRPId = "notificationIRPId";
   const string irpVersion = "irpVersion";
};


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

   // Attribute Names
   //
   const string alarmIRPId = "alarmIRPId";
   const string irpVersion = "irpVersion";
};




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

   // Attribute Names
   //
   const string basicCmIRPId = "basicCmIRPId";
   const string irpVersion = "irpVersion";
};


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

   // Attribute Names
   //
   const string rncFunctionId = "rncFunctionId";
   const string userLabel = "userLabel";
};


/**
 *  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";
};



/**
 *  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 MscFunction
 */
interface MscFunction
{
   const string CLASS = "MscFunction";

   // Attribute Names
   //
   const string mscFunctionId = "mscFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string hlrFunctionId = "hlrFunctionId";
   const string userLabel = "userLabel";
```

```
};


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

   // Attribute Names
   //
   const string vlrFunctionId = "vlrFunctionId";
   const string userLabel = "userLabel";
};



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

   // Attribute Names
   //
   const string aucFunctionId = "aucFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string eirFunctionId = "eirFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string smsIwmscFunctionId = "smsIwmscFunctionId";
   const string userLabel = "userLabel";
};


/**
 *  Definitions for MO class SmsGmscFunction
 */
```

```
interface SmsGmscFunction
{
   const string CLASS = "SmsGmscFunction";

   // Attribute Names
   //
   const string smsGmscFunctionId = "smsGmscFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string sgsnFunctionId = "sgsnFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string ggsnFunctionId = "ggsnFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string bgFunctionId = "bgFunctionId";
   const string userLabel = "userLabel";
};


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

   // Attribute Names
   //
   const string gmscFunctionId = "gmscFunctionId";
```

```
         const string userLabel = "userLabel";
      };

};

#endif
```

End of Change in Annex C
End of Document

Annex D (informative): Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Dec 2000	S_10	SP-000514	--	--	Approved at TSG SA #10 and placed under Change Control.	1.0.0	3.0.0
Mar 2001	S_11	SP-010030	001	--	Remove TimeBase.idl not used in the module NotificationDefs	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	002	--	Update get_basicCm_IRP_version to be consistent with Alarm IRP and Notification IRP	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	003	--	Mismatched irpVersion types	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	004	--	Update Basic CM IRP Iterator to be consistent with Alarm IRP Iterator	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	005	--	Removing nested IDL modules	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	006	--	Update Structured Event table to be consistent with Alarm IRP	3.0.0	3.1.0
Mar 2001	S_11	SP-010030	007	--	UMTS Network Resource Model alignment with TSG RAN specifications	3.0.0	3.1.0
Jun 2001	S_12	SP-010284	008	--	Reposition “#pragma prefix” directive	3.1.0	3.2.0
Jun 2001	S_12	SP-010284	009	--	Correction of UTRAN attributes	3.1.0	3.2.0
Sep 2001	S_13	SP-010473	010	--	Duplicated exception definition for FilterComplexityLimit	3.2.0	3.3.0