Technical Specification Group Services and System Aspects
Meeting #17, Biarritz, France, 9-12 September 2002

TSGS#17(02)0481

Source: **SA5 (Telecom Management)**

Title: **Rel-5 CR 32.300 (Configuration Management (CM); Name convention for Managed Objects) upgrade to Rel-5**

Document for: **Approval**

Agenda Item: **7.5.3**

Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version-	Doc-2nd-	Workitem
SP-020481	32.300	002	-	Rel-5	**Upgrade to Rel-5**	F	4.1.0	S5-026715	OAM-NIM

3GPP TSG-SA5 (Telecom Management) **S5-026715**
Meeting #30, Tampere, FINLAND, 19-23 Aug. 2002

CR-Form-v5

CHANGE REQUEST

⌘ **32.300** **CR** **002** ⌘ **rev** **-** ⌘ Current version: **4.1.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☐ Radio Access Network ☒ Core Network ☒

Title:	⌘	Upgrade to Rel-5
Source:	⌘	S5
Work item code:	⌘	OAM-NIM
Date:	⌘	23/08/2002
Category:	⌘	**F**
Release:	⌘	*REL-5*

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)*

Reason for change:	⌘	1. The specification needs to be moved to Rel-5.
Summary of change:	⌘	1. Remove information in the Introduction that is only relevant to REL-4.
Consequences if not approved:	⌘	

Clauses affected:	⌘	Introduction		
Other specs affected:	⌘	☐ Other core specifications ☐ Test specifications ☐ 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/3G_Specs/CRs.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.

Introduction

Configuration Management (CM), in general, provides the operator with the ability to assure correct and effective operation of the 3G network as it evolves. CM actions have the objective to control and monitor the actual configuration on the Network Elements (NEs) and Network Resources (NRs), and they may be initiated by the operator or by functions in the Operations Systems (OSs) or NEs.

CM actions may be requested as part of an implementation programme (e.g. additions and deletions), as part of an optimisation programme (e.g. modifications), and to maintain the overall Quality of Service (QoOS). The CM actions are initiated either as single actions on single NEs of the 3G network, or as part of a complex procedure involving actions on many resources/objects in one or several NEs.

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~~Due to the growing number of specifications to model new services and Resource Models for Configuration Management (CM), as well as the expected growth in size of each of them from 3GPP Release 4 onwards, a new structure of the specifications is already needed in Release 4. This structure is needed for several reasons, but mainly to enable more independent development and release for each part, as well as a simpler document identification and version handling. Another benefit would be that it becomes easier for bodies outside 3GPP, such as the ITU-T, to refer to telecom management specifications from 3GPP. The new structure of the specifications does not lose any information or functionality supported by the Release 1999. The restructuring also includes defining new IRPs for the Network Resource Models (Generic, Core Network and UTRAN NRM).~~

~~Finally, the Name convention for Managed Objects (in Release 1999: 32.106-8) has been moved to a separate number series used for specifications common between several management areas (e.g. CM, FM, PM).~~

~~The following table shows an overview of the mapping between the old Release 1999 and new Release 4 CM specification structure.~~

~~Table: Mapping between Release '99 and the new Rel-4 specifications~~

~~R99 Old no.~~	~~Old (R99) specification title~~	~~Rel-4 New no.~~	~~New (Rel-4) specification title~~
~~32.106-1~~	~~3G Configuration Management: Concept and Requirements~~	~~32.600~~	~~**3G Configuration Management: Concept and High-level Requirements**~~
~~32.106-1~~	~~<Notification IRP requirements from 32.106-1 and 32.106-2>~~	~~32.301~~	~~**Notification IRP**: Requirements~~
~~32.106-2~~	~~Notification IRP: IS~~	~~32.302~~	~~Notification IRP: Information Service~~
~~32.106-3~~	~~Notification IRP: CORBA SS~~	~~32.303~~	~~Notification IRP: CORBA SS~~
~~32.106-4~~	~~Notification IRP: CMIP SS~~	~~32.304~~	~~Notification IRP: CMIP SS~~
~~32.106-8~~	~~Name convention for Managed Objects~~	~~32.300~~	~~**Name Convention for Managed Objects**~~
~~32.106-1~~	~~<Basic CM IRP IS requirements from 32.106-1 and 32.106-5>~~	~~32.601~~	~~**Basic CM IRP**: Requirements~~
~~32.106-5~~	~~Basic CM IRP IM (Intro & IS part)~~	~~32.602~~	~~Basic CM IRP: Information Service~~
~~32.106-6~~	~~Basic CM IRP CORBA SS (IS related part)~~	~~32.603~~	~~Basic CM IRP: CORBA SS~~
~~32.106-7~~	~~Basic CM IRP CMIP SS (IS related part)~~	~~32.604~~	~~Basic CM IRP: CMIP SS~~
~~32.106-1~~	~~<Basic CM IRP Generic NRM requirements from 32.106-1 and 32.106-5>~~	~~32.621~~	~~**Generic Network Resources IRP**: Requirements~~
~~32.106-5~~	~~Basic CM IRP IM (Generic NRM part)~~	~~32.622~~	~~Generic Network Resources IRP: NRM~~
~~32.106-6~~	~~Basic CM IRP CORBA SS (Generic NRM related part)~~	~~32.623~~	~~Generic Network Resources IRP: CORBA SS~~
~~32.106-7~~	~~Basic CM IRP CMIP SS (Generic NRM related part)~~	~~32.624~~	~~Generic Network Resources IRP: CMIP SS~~
~~32.106-1~~	~~<Basic CM IRP CN NRM requirements from 32.106-1 and 32.106-5>~~	~~32.631~~	~~**Core Network Resources IRP**: Requirements~~
~~32.106-5~~	~~Basic CM IRP IM (CN NRM part)~~	~~32.632~~	~~Core Network Resources IRP: NRM~~
~~32.106-6~~	~~Basic CM IRP CORBA SS (CN NRM related part)~~	~~32.633~~	~~Core Network Resources IRP: CORBA SS~~
~~32.106-7~~	~~Basic CM IRP CMIP SS (CN NRM related part)~~	~~32.634~~	~~Core Network Resources IRP: CMIP SS~~
~~32.106-1~~	~~<Basic CM IRP UTRAN NRM requirements from 32.106-1 and 32.106-5>~~	~~32.641~~	~~**UTRAN Network Resources IRP**: Requirements~~
~~32.106-5~~	~~Basic CM IRP IM (UTRAN NRM part)~~	~~32.642~~	~~UTRAN Network Resources IRP: NRM~~
~~32.106-6~~	~~Basic CM IRP CORBA SS (UTRAN NRM related part)~~	~~32.643~~	~~UTRAN Network Resources IRP: CORBA SS~~
~~32.106-7~~	~~Basic CM IRP CMIP SS (UTRAN NRM related part)~~	~~32.644~~	~~UTRAN Network Resources IRP: CMIP SS~~

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