

Source: TSG-SA WG5

Subject: SA5 Year 2000 Work plan

INTRODUCTION

This document identifies SA5's work plans for the year 2000, this includes identification of work items to complete R99 as well as identification of R2000 work items.

EXISTING WORK ITEMS BY SA5

Principles and Requirements

R99:

1. Inclusion of outstanding items to 32.101: i.e.:
 - Resolve Inconsistency between 32.101 and 32.102 regarding the use of X.25 as a Network Layer Protocol
 - Add a Security Management Section

R2000:

1. 32.101 Maintenance and CR implementation.
2. Requirements from 30.808 (Packet and circuit architecture) Implication of network management concepts on the system architecture.
3. Assess impact of 2G/3G interworking for the management of core network

Architecture

R99:

1. Resolve inconsistencies between 32.101 and 32.102 regarding valid networking protocol
2. Enhance issues regarding impact of the IRP Framework

R2000:

1. 32.102 Maintenance and CR implementation.
2. Requirements from 30.808 (Packet and circuit architecture) Implication of network management concepts on the system architecture.
3. Assess impact of 2G/3G interworking for the management of core network

Performance Management

R99:

1. Finalisation of Annex B, particularly the file transfer procedure part (file naming and conventions is fairly advanced already).
2. Generation of Annex A, the PM File Format. This item is currently under discussion.

R2000:

1. Define standard set of measurement types (Annex C)
2. Assess and decide on impact of PM IRP on 32.104.
3. 32.104 Maintenance and CR implementation

Configuration Management**R99:**

1. The 32.106 document, the body of which covers the main requirements for 3G CM within the release 99 scope to support FM and PM only.
2. A number of Annexes to 32.106:
 1. Notification IRP.
 2. CORBA Solution Set for Notification IRP.
 3. CMIP Solution Set for Notification IRP.
 4. "CM IRP" Information Service (name TBD) and Network Resource Model with a scope that is limited to support FM and PM requirements. In general network objects will have names only identified; support objects will be modeled fully as required by the FM and PM requirements.
 5. CORBA Solution Set to support the above "CM IRP" Information Service and Network Resource Model.
 6. CMIP Solution Set to support the above "CM IRP" Information Service and Network Resource Model.
3. A name convention definition.

The CM IRP Information Service and Network Resource Model will be defined & documented in the Configuration Management Rapporteur group, however responsibility for requirements will rest with the FM and PM Rapporteur groups.

R2000:

1. The 32.106 document, the body of which covers the main requirements for 3G CM within the release 2000 scope to support CM, FM and PM.
2. A number of Annexes to 32.106:
 1. Notification IRP.
 2. CORBA and CMIP Solution Sets for Notification IRP.
 3. SNMP Solution Set for Notification IRP.
 4. "CM IRP" Information Service (name TBD) and Network Resource Model to support CM, FM and PM requirements.
 5. CORBA & CMIP Solution Sets to support the above "CM IRP" Information Service and Network Resource Model.
 6. SNMP Solution Set to support the above "CM IRP" Information Service and Network Resource Model.
 7. A name convention definition. The goal is to define this completely in release 99 and reuse it for release 2000. However there may be a need to extend it for release 2000 e.g. depending on SNMP solution set needs.
3. CM support of LCS/CBS functions, which means definition of necessary elements in the Network Resource Model to support CM/PM/FM functionality of LCS and CBS in the UMTS network.

The "CM IRP" Information Service and Network Resource Model will be defined & documented in the Configuration Management subgroup group, based on input from all SA5 subgroups (including the CM subgroup).

Fault Management

R99:

1. Complete the discussion and agreement of all existing contributions with a target to provide the body of TS 32.111 (without appendices) for release at the beginning of 2000.

The body of the document will contain the FM concepts and requirements that apply to all the TM interfaces, and the specific requirements that apply to the Itf-N interface.

2. Continue to work in parallel on the appendices of 32.111 with a target to provide these for release mid-year 2000.

Currently identified appendices are:

- IRP Alarm Information Service
- CORBA Alarm Solution Set
- CMIP Alarm Solution Set

These proposed appendices will not fully cover all existing FM requirements.

R2000:

1. Identify and complete any appendices required to fully cover all existing FM requirements (as noted under point 2 above).
2. Assess and specify possible impact of Cell Broadcast Services Feature on FM.
3. Assess and specify possible impact of Location Services on FM.
4. Assess and specify possible integration of ATM maintenance (I.610) with the FM specification

Charging/Accounting

R99:

1. Complete a R99 version of the Charging specification
2. 30.802 – Bearer Services Specification of charging-sensitive QoS parameters, after SA1 requirements and using the defined parameters in the QoS Concept and Architecture, 23.907.

(Note: TS 22.115 already states requirements for QoS-sensitive parameter definition. However, the specific parameter are still to be defined).

OTHER POTENTIAL WORK ITEMS FOR R2000

Call Trace

1. Call Trace Specification along lines of GSM 12.08