

Technical Specification Group Services and System Aspects *TSGS#9(00)0440*
Meeting #9, Hawaii, USA, 25-28 September 2000

Source: SA WG5 (Telecom Management)

Title: Proposed Work-plan for SA5

Document for: Information

Agenda Item: 7.5.2 and 7.6 (IGC)

This document proposes a plan for the work to be carried out in SA5. It is suggested that this be included in the overall 3GPP work-plan.

3GPP TSG-SA5 (Telecom Management)
Meeting #14, Milan, Italy, 11 - 15 September 2000

Tdoc S5-000390

Title: Proposed Work-plan for SA5

Source: AR/PR Group

Agenda item: 9.1

Document for: Approval

Category: Work Plan

Document Summary: This document proposes a plan for the work to be carried out in SA5. It is suggested that this be included in the overall 3GPP work-plan.

Specification(s) involved: All SA5's specifications.

Proposed workplan for SA5

1. Introduction

This document presents a plan for the work to be carried out in SA5.

It is suggested that this be included in the overall 3GPP workplan.

The following columns are used in this plan:

Feature: New, or substantially enhanced functionality, which represents added value to the existing system (e.g. Subscription Management, User Equipment Management). A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier.

Building block: A sub-division of a feature, representing a set of technical functionality (eg. configuration management, fault management). Building blocks may be "re-usable" - that is, a single building block may be common to two or more features.

Work task: A sub-division of a building block, representing a self-contained, well-scoped and well-scheduled item of work (eg. information model solution set). A work task will almost certainly be the responsibility of a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.

2 The SA5 work-plan

Feature	Building block	Work task	Completion
User Equipment Management	Principles, high-level requirements and architecture (SA5)		Dec. 2001 (R5)
	MExE (22.057 and 23.057). Security (T2)		
	Configuration Management (SA5)	Software Download Solution Set (MExE)	Dec. 2001 (R5)
	Charging Management (SA5)		July 2002
Subscription Management (32.140 – Service Operations Management)	Principles, high-level requirements and architecture (SA5)		Dec. 2001 (R5)
	VHE Management Aspects (SA 1 and 2)		
	MExE - 22.057 and 23.057 (T2)		
	Configuration Management (SA5)	Subscription Management Solution Set (MExE)	July 2002 (R5)
	Charging Management (SA5)		Dec. 2001 (R5)
IP Management	Principles, high-level requirements and architecture (SA5)	Assess impact of IP on all building blocks.	R4?
RANM & CNM	Performance Management (SA5)	<ul style="list-style-type: none"> • PM Monitoring: <ul style="list-style-type: none"> * Define the functional requirements for the generation of performance alarms for the standard measurement set specified in TS 32.104; * Provide functionality for the control and configuration of performance thresholds; * Specify an Itf-N component that performs the forwarding of the performance alarms; * Investigate (near) real time measurement and result reporting for specific problem analysis. • File format enhancements. The scope of this work item is widened to “enhancements for file format, contents and transfer”. It encompasses: <ul style="list-style-type: none"> * Non-3G-standard measurement results in the PM files; * Select measurement results that are included in the PM files; * File transfer control. • Plug&Measure <ul style="list-style-type: none"> * This WI encompasses the scoping of measurements inside a node which would automatically reconfigure the measurement when a scoped resource is added or removed. • Measurement type definitions 	R5
	Charging Management (SA5)	<ul style="list-style-type: none"> • Optimisation of charging triggers in the NEs, e.g. for enhanced charging related QoS management • Real time CDR generation and transfer to support prepaid • Charging Characteristics in the CN nodes • Extension of charging functionality to accommodate UE management related charging aspects • Service related charging 	R5
	Fault Management (SA5)	<ul style="list-style-type: none"> • Enhancement of R99 with pre and post conditions, alarm data model 	R4
		<ul style="list-style-type: none"> • Investigate consensus Alignment of CORBA SS with TIM1.5 	R4/R5
		<ul style="list-style-type: none"> • SetComment function 	R4

		<ul style="list-style-type: none"> • Impact of Trouble ticketing management on Itf-N 	R5
		<ul style="list-style-type: none"> • Alarm/notification log 	R5
		<ul style="list-style-type: none"> • Test management 	R5
		<ul style="list-style-type: none"> • ASAP management 	R6
		<ul style="list-style-type: none"> • Investigate Alignment with ITU-T Q.821 	R5
		<ul style="list-style-type: none"> • Impact of IP management 	R5
		<ul style="list-style-type: none"> • Impact on ITF-N of correlation on network management 	R5
		<ul style="list-style-type: none"> • Investigate XML Solution Set 	R5
	Configuration Management (SA5)	<ul style="list-style-type: none"> • Network Resource Model enhancements. • SNMP Solution Set for Notification IRP. • Basic configuration management IRP and the solution sets. • Other R5 work tasks to be defined by CM rapporteur. 	R5
UTRAN Operations and Maintenance procedures.	<ul style="list-style-type: none"> • Principles, high level Requirements and Architecture (SA5) • Configuration Management (SA5) • Performance Management (SA5) • Fault Management (SA5) • RRM Support over Iub and Iur: RRM optimisation (RAN3) 		R5