

**Technical Specification Group Services and System Aspects  
Meeting #2, Fort Lauderdale, 2-4 March 1999****TSGS#2(99)005**

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**Title:** Draft report of the first meeting of TSG SA  
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## 13 Report of first meeting of TSG Services and System Architecture

### 13.1 Opening address by the TSG SA Convenor

The Convenor, Mr. Harrison (BT) opened the meeting, welcoming the delegates, and introduced the himself and the Secretary (Mr. Pope, ETSI Secretariat).

The Chairman explained the expectations of the 3GPP Project and the work in the SA TSG.

The Agenda was considered, and some adjustment to the order made. The Chairman outlined what the group should achieve. The Chairman proposed to discuss the working group structure first, in order to get work started as soon as possible.

### 13.2 Arrangements for the Election of TSG Chairmen and Vice Chairmen

This was covered in joint plenary.

### 13.3 Review and endorsement of SA Terms of Reference

TD Gx98-007: The SA terms of reference were considered. It was commented that the Terms of Reference (ToR) has only the framework of security aspects are included. This was not the intention, and the ToR should be updated to include the usage and implementation of security for the complete system.

The Network Management aspects were questioned. It was explained that the O&M aspects would be a cross TSG activity, and required a co-ordination role to guide the concepts for Network Management. Co-ordination will be done in the SA group and detailed specification work in other TSGs (particularly TSG Core Network). It was emphasised that Network Management should not be done in only one place as it is a cross-TSG discipline.

There was some debate on the scope of the SA group, as the current version of the ToR defines the group as working on "service capabilities" and "defining services". It was explained that the services would be defined outside of the TSG, and the service capabilities and feature requirements will be defined in the SA group.

The ToR should be interpreted in a broad way for the start of the work, and refined later after the work programme for the group has been more clearly defined. The services to be defined do not necessarily refer to end-user services, but internal system services.

The question was raised whether the group were to work on 3<sup>rd</sup> generation aspects only, or 2<sup>nd</sup> to 3<sup>rd</sup> generation interworking aspects. It was clarified that the agreed requirement was for roaming to GSM networks in the early Phase(s) of the 3<sup>rd</sup> generation system.

The SA group should take into account all possible applications, and the Terms of reference should not be written to limit the possible future applications. The group should concentrate on the aspects as and when they are needed.

The inclusion of the "cordless applications" (which had been left for discussion in the draft ToR) was discussed. It was decided that the brackets should be removed. Further development of the cordless applications should include both business and residential aspects explicitly.

It was recognised that the full scope of the group needs to be defined later, when the work programme has been more fully defined.

USIM should be the Universal SIM (rather than UMTS SIM).

The Terms of Reference were then endorsed by the group with the above observations which are recorded in the updated ToR (TD Gx98-070).

## 13.4 TSG SA Work Programme

TD Gx98-067 - Mr. Mouly (Nortel) presented the document which contains a proposal for the working practice for the TSGs for the creation of Work Packages (WPs) to focus the work of the groups. Work packages will be proposed with the work title, scope and schedule. The time scales will be reviewed and maintained by the TSG.

The need of some form of control body for the management of the work programme was recognised.

TSG SA approved the use of this proposal for establishing the work programme within the TSG and WGs.

The need for a Permanent Nucleus ("project team") was recognised to work across all of the TSGs for the control and management of the 3GPP work programme. This team should report to the TSG SA plenary meetings.

The Project Co-ordination Function for cross TSG work programme management was considered. Contributions are invited on the setting up of this activity for the next TSG meeting.

## 13.5 Organisation of the transfer of work from Partner organisations

### 13.5.1 ARIB

TD Gx98-053 - Radio Access, and CODEC groups are to be transferred to 3GPP between now and April 1999. ARIB will set up a co-ordination group and have working groups under it corresponding directly to the 3GPP TSGs. The document structure for ARIB work is given in pages 7-9 of TD Gx98-053. Analysis of this shows that some items are relevant to SA - including items 2, 5, 10 and 23.

System Configuration - for transfer in March 1999, Service and systems - ready to submit now (almost finalised). Security aspects are also ready to submit to the Security WG. The CODEC work should be ready for transfer by the end of March 1999.

### 13.5.2 ETSI

TD Gx98-031 - UMTS 30.00 (UMTS Work Programme). This was noted as an overview of the UMTS work in ETSI. It was noted that there are, in addition, a number of GPRS work items which may be relevant to the 3GPP work, this needs to be discussed in the WGs to ensure that the work relevant to both 3GPP and GSM does not unnecessarily diverge or result in the unnecessary duplication of work in the two groups.

TD Gx98-012 - Security issues. It was agreed to transfer this work into the Security WG of TSG SA.

TD Gx98-015 - The transfer of work detailed in this document needs to be analysed in the Network Management group.

TD Gx98-029 - The key area for SA is Item 1 (Overall end-to-end data service review for UMTS). The document also highlights the need for cross TSG ad-hoc groups for some work (e.g. Multimedia between Systems and Terminals).

The document was noted and the WG on services will report back to the next TSG SA meeting.

TD Gx98-018 - The items proposed for transfer from SMG12 after the SMG#28 Plenary (February 1999). The document also presents the idea of subcontracting work to SMG4.

**It was decided that rather than subcontracting work, the work will be done by 1 physical group which consists of 2 logical groups for UMTS and for GSM activities (i.e. LCS, SOLSA, MNP, GPRS Phase 2 and EDGE).**

### 13.5.3 T1

T1P1 plans to bring the W-CDMA package to the 3GPP Project. A detailed work programme will be developed at the upcoming T1P1 meeting (next week). This will be made available to the working groups when available.

### 13.5.4 TTA

No detailed plan has been prepared, but TTA will analyse their work plan at their meeting 16 December and discuss the transfer of relevant work to 3GPP based on this analysis. TTA have groups covering Network Aspects, Services, Architectures and Security.

TD Gx98-052 gives target dates for the completion of work in TTA.

### 13.5.5 TTC

TD Gx98-066 - TTC SWG 6-2-1 and 6-3-1 work is presented in this document. Work items included in the areas VHE, High Speed Packet, High Speed Data, ATM, W-CDMA Routing and Call/Connection Control are proposed for transfer to 3GPP, as detailed in TD Gx98-066. TTC intend to complete these specifications by the end of March 1999. The information flows documents can be input to 3GPP as a basis for discussion. The Network requirements and system configuration documents can also be forwarded as a basis for the 3GPP work.

The VHE work is considered a good basis for the SA VHE work, but may require more items, such as Service Creation. This needs to be analysed in the Working Groups.

**Working groups are tasked to study the transferred work and report the feasibility and time scales for completion of the work to the next TSG SA meeting.**

## 13.6 TSG SA Sub-structure organisation

TD Gx98-05, TD Gx98-09, TD Gx98-012, TD Gx98-015, TD Gx98-017, TD Gx98-030, TD Gx98-038, TD Gx98-055.

TD Gx98-005 - Motorola introduced the document which proposes the creation of a new TSG for Value-Added Services, or otherwise to create a working group within SA for Value-Added services.

TD Gx98-012 - SMG10 Chairman introduced the document which proposes a UMTS Security working group within the SA group to ensure the integrity of the systems developed in the 3GPP.

TD Gx98-015 - SMG6 propose that the SMG6 WPA (O&M for UMTS) transfer to 3GPP.

TD Gx98-017 - SMG1 Chairman introduced this document, which reports on SMG1 progress. It is intended to identify the services needed for the 3GPP, in order to co-ordinate the work across the TSGs. The document proposes a working group to deal with UMTS services.

TD Gx98-030 - Mr. Adams (BT) introduced the document, which proposes a working group structure for consideration.

TD Gx98-038 - This document proposes a working group structure.

TD Gx98-055 - This ARIB contribution proposes the establishment of working groups, including a Network Management group within the SA TSG. The role of the proposed Project management group is to act as an advisory committee to the PCG.

Some discussion over whether the Working Groups (WGs) would be defined and the task of defining their work delegated to them, or whether the WGs would be given a detailed work plan by the TSG Plenary. TSG SA should define the WGs it needs and these WGs should detail their work areas, reporting to the next TSG meeting. Detailed ToRs should be proposed by the groups to TSG SA for approval.

### 13.6.1 Creation of TSG SA Working Groups

It was decided to take TD Gx98-030 and TD Gx98-055 as a basis and to consider other contributions to form an overall decision on the working group structure.

Mr. Mouly pointed out that the creation of the working groups before analysing the tasks of the SA group implies that the definition of the work of those groups would be defined at the WG meetings. This was accepted, and the working groups would report their decisions to the TSG meeting for analysis and agreement.

**The Working Groups internal structure will be defined by the WGs and the ToR for each presented to the next TSG SA meeting.**

**WG1, Services:** The creation of a services Working Group was agreed. The inclusion of Value-Added Services (Service requirements) within this group was discussed. It was agreed to include the VAS service aspects and Charging and Accounting within this group.

**WG2, Architecture:** It was agreed to set up an Architecture group, which would include a high-level overview group for co-ordination of the technical work.

**WG3, Security:** It was agreed to set up a Security working group to analyse the security requirements for the UMTS system and services.

**WG4, CODEC:** It was agreed to set up a CODEC working group to analyse the work needed for the 3GPP Service aspects requirements (i.e. not speech/transmission experts). The Terminals group requested close liaison with this Working Group.

**WG5, Network Management:** It was agreed to set up an interim ad-hoc group to analyse the Network management issues across the TSGs.

**Project Co-ordination:** It was agreed that contributions on methods of co-ordination, including the possible creation of a Project Management group should be made to the next TSG SA Meeting.

### 13.6.2 Appointment of working group convenors

**WG1, Services:** Mr. A. Cox (Vodafone).

**WG2, Architecture:** Mr. Y. Hiramatsu (NTT)

**WG3, Security:** Prof. M. Walker (Vodafone)

**WG4, CODEC:** Mr. K. Jarvinen (Nokia)

**WG5, Network Management ad-hoc group:** Inaki Cabrera (AirTel Movil) was appointed, but his availability is to be confirmed. Mr. Albert Yuhan (Omnipoint) will be appointed in the case that Mr. Cabrera is unavailable.

## 13.7 TSG SA and WG future meetings

It is proposed that the next TSG SA meeting (TSG SA#2) should be held the 1-5 March 1999. This could be a joint TSG meeting allowing joint sessions of the TSGs during the meeting.

T1 invite the SA TSG to US 21-25 June 1999 in conjunction with the SMG Plenary (TSG SA#3).

Working Group Meetings:

**WG1, Services:** 1<sup>st</sup> week February 1999.

**WG2, Architecture:** 18-22 January (with SMG12, to be confirmed) and 1<sup>st</sup> week February 1999.

**WG3, Security:** 1<sup>st</sup> week February (to be confirmed).

**WG4, CODEC:** 11-15 January with SMG11 (to be confirmed).

**WG5, Network Management ad-hoc group:** 18-22 January (US) or 1<sup>st</sup> week February (to be decided).