

Source: TSG SA WG5
Title: Report of SA WG5 Meeting #1
Document for:
Agenda Item: 9.5

**3GPP TSG-SA WG5 (Network management) Working Group
#1 Meeting Report
1-2/2/99 Sophia Antipolis, France**

1. **Attendance**

20 Attendees from ETSI, T1, TTC/ARIB and TTA participating organizations attended the meeting. The detailed affiliation and address information of the attendees can be found in Annex 1 of this report.

2. **Meeting Schedule**

The 3GPP TSG-SA WG5 (henceforth, SA5) met for two days in plenary sessions starting at 10:00am Monday, February 1, 1999 and ending at 4:00pm Tuesday, February 2, 1999 in Hermes meeting room at the ETSI headquarters in Sophia Antipolis, France. The meeting was chaired by Mr. Albert H. Yuhan of Omnipoint (T1), the convenor of the working group (WG). The (proposed) agenda is attached as Annex 2.

3. **Contributions**

The meeting received and addressed 26 contributions including 3 outgoing liaison statements and resolved a number of issues as captured in 4 post-meeting contributions distributed after the meeting to members for their review which will be reported to the coming March TSG-SA meeting. A list of all the contributions, including those post-meeting documents, can be found in Annex 3.

4. **Working Group Activities**

The group proceeded the meeting with the following results:

- 4.1 The Chair, Mr. Yuhan, the Convenor, called the meeting to an order at 10:00am of February 1st, 1999.
- 4.2 Participants were registered to the meeting (cf. Annex 1).
- 4.3 Initial contributions to the meeting were registered and attributed (cf. Annex 3).
- 4.4 The agenda (Tdoc S5-99002) was reviewed and accepted as drafted except for the first day starting time which was revised to 10:00am in order to be aligned with the meeting invitation (cf. Annex 2).
- 4.5 The Chair acknowledged to the group the 3GPP's policy of requiring its individual members to make an earliest possible disclosure of their relevant intellectual property right issues,

and asked if there was any intellectual property right issue to be announced by any participants. No response was recorded.

4.6 For meeting participants' information, voluntary ad hoc verbal reports were made by members on the activities of various relevant standards organizations. The reports encompassed such activities as ITU-T SG11 activities pertaining to IMT-2000, 3GPP agreements and resolutions made in the last December 3GPP joint TSG meeting, T1P1 work for location services and PCS1900-GSM harmonization etc., and ETSI/SMG6 and TMN5 work on UMTS network management standardization.

4.7 The group addressed specific input documents following through the agenda resolving issues as below:

4.7.1 **WG terms of reference and work scope** (S5-99006, S5-99010, S5-99028)

The group noted the confusions among many network management experts which were indicated in their email messages exchanged prior to this meeting as exhibited in Tdoc S5-99006. The group agreed that the terms of reference of the WG phrased as currently is vague, and that it needs to be adequately clarified and refined. The group worked on Tdoc S5-99010, a proposed change of the terms of reference and work scope, and, at the end, agreed to the newly phrased terms of reference and work scope as stated in Tdoc S5-99028. The Convenor will present the WG decision to the next TSG-SA meeting for TSG approval.

4.7.2 **A new name for the WG** (S5-99030)

In discussing the terms of reference and the work scope of the WG, the group noted that the present name of the WG, "*Network Management*" may potentially mislead some people in the context that the most recent relevant ITU-T Recommendation has differentiated 4 different levels of telecom system managements, where one particular level is being called "network management layer". It was also noted that NMF (Network Management Forum), one of very influential international fora for network management work, has changed its name into "Telecom Management Forum" for the same concern. So, the group agreed to renaming itself to "Telecom Management WG" as stated in Tdoc S5-99030. The Convenor will present the WG decision to the next TSG-SA meeting for TSG approval.

4.7.3 **Existing work and WG work packages** (S5-99004, S5-99011, S5-99016, S5-99018, S5-99029)

The group identified the work captured in Tdocs S5-99004, S5-99016 and S5-99018 as 3G system management work currently existing or progressing in various 3GPP partner organizations. The group examined the three potential work items proposed in Tdoc S5-99011 and agreed to two WG work items with their related work package attributes as described in Tdoc S5-99029. These two work items will consist of reviewing and consolidating existing 3G system management work so far produced by all partner organizations. The Convenor will present the WG decision to the next TSG-SA meeting for TSG approval.

The group also agreed to seriously studying the 3G system service management aspect to create another work item very shortly.

4.7.4 **WG structure, leadership and administration** (S5-99009)

As proposed in Tdoc S5-99009, the group agreed that, besides the WG chair, the WG will elect two WG vice chairs if there are enough candidates, that the WG will create a SWG for each identified work item (as stated in Section 4.7.2), and that the SWG chairs will be appointed after the WG leadership is formally established and when the proposed work items become approved by the TSG.

4.7.5 **Relation with 3GPP RAN3** (S5-99006, S5-99007, S5-99012, S5-99015, S5-99022, S5-99023, S5-99025)

The group noted there is a need for clarifying the working relation between the WG and the 3GPP TSG-RAN3 regarding UTRAN O&M issues. The group noted the confusions concerning the two WGs' role raised by many network management experts as exhibited in Tdocs S5-99006 and S5-99012. The group also noted a proposal, Tdoc S5-99015, for a certain way of defining the responsibility division among related standards bodies. The group agreed, as Tdoc S5-99007 proposed, to sending a liaison statement (LS) to RAN3 WG. Based on two draft LSs, Tdocs S5-99022 and S5-99023, the group approved a LS, Tdoc S5-99025, to be sent to RAN3 WG. The LS contains an O&M architecture currently under consideration by the WG (SA5) in which the two 3GPP WGs may perhaps be able to identify each own different work responsibility.

4.7.6 **Relation with ETSI/SMG6 and ETSI/TMN5** (S5-99008, S5-99013, S5-99020, S5-99021, S5-99024, S5-99026, S5-99027)

The group agreed, as Tdoc S5-99008 proposed, to sending LSs to SMG6 and TMN5 in order to formally request them to provide the WG the information on their existing or completed work on UMTS NM issues. The group worked on the proposed draft LSs to SMG6 (Tdoc S5-99021) and to TMN5 (Tdoc S5-99020), and produced approved LSs to SMG6 (Tdoc S5-99026) and TMN5 (Tdoc S5-99027).

The group also noted, with support, the TMN5's recommendation (Tdoc S5-99024) to TMN, its parent body, for shifting TMN5 work items and resource to 3GPP SA5 WG.

The group also noted the LS (Tdoc S5-99013) of SMG6 and TMN5 jointly to RAN3 in which they request that RAN3 support AAL5 protocol on the Iub Interface to satisfy the O&M requirements.

4.7.7 **Principles, architecture and requirements of 3G system management** (S5-99003, S5-99005, S5-99014, S5-99017)

The group noted technical contributions (Tdocs S5-99003, S5-99005, S5-99014, and S5-99017) which all address certain aspects of principles, architecture and/or requirements of the 3G system management, and agreed that these contributions should be further studied appropriately under the two work items proposed to be created as stated in Section 4.7.3.

4.7.8 **3GPP support information** (S5-99019)

The group noted the contribution, Tdoc S5-99019, by 3GPP support office which contained rich information on 3GPP supports provided by the supporting office (e.g., the way how information can be exchanged through the 3GPP server, etc.).

4.8 The group set the schedule of the next WG meeting as reported in Section 6.

4.9 Approximately at 4:00pm of February 2nd, 1999, the Chair announced that the meeting was adjourned till the next meeting.

5 **Request for TSG-SA Actions**

The WG requests for TSG-SA actions as follows:

- 5.1 review and approve this meeting report (Tdoc S5-99031; TSGS#2-99???)
- 5.2 discuss and approve the proposed change of Terms of Reference and the work scope of the WG (Tdoc S5-99028; TSGS#2-99???)
- 5.3 discuss and approve the proposed work items of the WG (Tdoc S5-99029; TSGS#2-99???)
- 5.4 discuss and approve the proposed change of WG name (Tdoc S5-99030; TSGS#2-99???)

6 **Next Meeting**

The WG scheduled its next meeting to be held on March 16th through 18th some place in T1 region to be hosted by a member or members of T1, which will be identified in a later day. It was planned that the last day meeting will be held jointly with ETSI/TMN5 (note: TMN5 will have their own meeting on March 19th).

Annex 1

3GPP TSG-SA WG5 (Network management) Working Group #1 Meeting Attendee List 1-2/Feb/99 Sophia Antipolis, France

Attendee Name	Ind. Mem.	PO	S	Telephone/Fax	E-mail
Albert H. Yuhan	Omnipoint	T1	V	1 973 872 5791 1 973 872 5714	ayuhan@ omnipoint-pcs.com
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Annex 2

3GPP TSG-SA WG5 (Network management) Working Group #1 Meeting Meeting Agenda (proposed) 1-2/Feb/99 Sophia Antipolis, France

TSG-SA/WG5 (Network Management) meeting #1
Sophia Antipolis 1st - 2nd February 1999

TSGS5#1(99)002
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Agenda Item: 4
Source: Convenor
Title: Proposed Agenda for TSG-SA/WG5 Sophia Antipolis (#1) meeting
Document for: WG5

(Proposed) Agenda for TSG-SA/WG5 Sophia Antipolis (#1) meeting 1st - 2nd February 1999 Sophia Antipolis, France

5. Call to order (9:00am, 1 Feb.)
6. Participant registration
7. Document registration and attribution
8. Agenda approval
9. IPR disclosure
10. Reports
11. Discussions and decisions on issues
 - 11.1. WG terms of reference and scope
 - 11.2. WG work packages and work plan with identification of existing work
 - 11.3. WG structure and leadership
 - 11.4. Relation with 3GPP/TSG-R/WG3
 - 11.5. Relation with ETSI/SMG6 and ETSI/TMN5
 - 11.6. Principles in 3G NM and fundamental architecture of 3G TMN
 - 11.7. any other issues
12. Meeting scheduling
13. Adjournment (at latest, 5:00pm, 2 Feb.)

Annex 3

3GPP TSG-SA WG5 (Network management) Working Group #1 Meeting (including Post-#1) TDoc Log 1-2/Feb/99 Sophia Antipolis, France

Temporary Document Log
3GPP TSG SA Working Group 5 (Network Management)

Tdoc #	TITLE	SOURCE	Status
#1 (1-2/2/99)			
S5-99002	Proposed Agenda for Meeting #1	Convenor	closed
S5-99003	Management Architecture for UTRAN Management	Motorola	For study
S5-99004	NM-relevant section (Chapter 7) of ARIB work for 3G	ARIB	For study
S5-99005	UTRAN O & M requirements.	Vodafone/ T-Mobil	For study
S5-99006	Log of email exchanges regarding the NM/O&M ToR confusion	Convenor	closed
S5-99007	Proposed Liaison to 3GPP/TSGR/WG3	Convenor	Replaced by 99022
S5-99008	Proposed Liaison to SMG6 and TMN5	Convenor	Replaced by 99026 & 99027
S5-99009	Organizational Structure of 3GPP/TSGS/WG5	Convenor	closed
S5-99010	Terms of Reference of 3GPP/TSGS/WG5	Omnipoint	Replaced by 99028
S5-99011	Conceivable Work Items of 3GPP/TSGS/WG5	Convenor	closed
S5-99012	LS from SMG6 to 3GPP TSG-RAN WG3 on the Importance of O&M and impact on UTRAN functionality	SMG6	closed
S5-99013	LS from SMG6 to 3GPP TSG-RAN WG3 to regarding lub AAL2 protocol	SMG6	closed
S5-99014	Proposed General Requirements for IMT-2000/UMTS Network Standardization	NTT DoCoMo, AT&T Wireless, TIM/CSET, T- Mobil	For study
S5-99015	Proposal for a scope of the joint SMG6/TMN5 I _{ub} Ad hoc	Mannesmann	closed
S5-99016	UMTS 21.06 V3.0.0 (1998-04) Network service management requirements for UMTS	ETSI	For study
S5-99017	SMART TMN™ Telecom Operations Map (version 1.0, October 1998)	TeleManage ment Forum	For study
S5-99018	ES 201 385 V1.1.1 (1999-01) UMTS; Management architecture framework; Overview, processes and principles	TMN5	For study
S5-99019	Important information for all 3GPP TSG-SA WG5 (Network Management) delegates	secretary	closed
S5-99020	LS to TMN5: Information request for TMN5 work on UMTS system management	SA5	Replaced by 99027
S5-99021	LS to SMG6: Information request for SMG6 work on UMTS system management	SA5	Replaced by 99026
S5-99022	LS to RAN3: Proposed position clarification regarding 3G system O&M issue	SA5	Replaced by 99025
S5-99023	LS to RAN3: Split between O&M Work of RNC and Node B	SA5	Replaced by 99025
S5-99024	LS from TMN5 to TMN on future organisation and relationship to 3GPP (for information)	TMN5	closed
S5-99025	LS to 3GPP TSG-RAN WG3 on 3G RAN O&M issues	SA5	approved
S5-99026	LS to SMG6: Information request for SMG6 work on UMTS management	SA5	approved
S5-99027	LS to TMN5: Information request for TMN5 work on UMTS management	SA5	approved
Post-#1			
S5-99028	Terms of Reference of 3GPP/TSGS/WG5	Convenor	Review
S5-99029	Proposed 3GPP TSGS5 Work Items	Convenor	Review
S5-99030	The name of the 3GPP/TSGS/WG5	Convenor	Review
S5-99031	Report of #1 Meeting of 3GPP/TSGS/WG5	Convenor	Review

*Note: The status of Post-#1 contributions may be different from what is noted in the list.