

**Technical Specification Group Services and System Aspects
Meeting #3, Yokohama, Japan, 26-28 April 1999**

TSGS#3(99)171

Source: TSG SA WG5 Chairman

**Title: 3GPP TSG-SA WG5 (Telecom management)
#2 Working Group Meeting Report**

Document for: Discussion and Approval

Agenda 5.5.1

Item:

Source: Chair, TSG-SA WG5
Title: SA5 #2 WG Meeting Report
Document for: Information, discussion and approval

3GPP TSG-SA WG5 (Telecom management) #2 Working Group Meeting Report

16-18/3/99 Morristown, NJ, USA

1. Attendance

15 Attendees from ETSI and T1 participating organizations attended the meeting. The detailed attendance information can be found in Annex 1 of this report.

2. Meeting Schedule

The 3GPP TSG-SA WG5 (henceforth, SA5) met for three days mostly in plenary session starting at 9:00am Tuesday, March 16, 1999 and ending at 1:00pm Thursday, March 18, 1999 in Morristown, NJ, USA. The meeting included two sessions of rapporteur group discussion sessions for each of the work items owned by the WG. The plenary session was chaired by Mr. Albert H. Yuhan of Omnipoint (T1), the convener of the working group (WG) and the rapporteur discussion sessions were presided by each work item rapporteurs. The agenda of the meeting is attached as Annex 2.

3. Contributions

The meeting received and addressed 21 contributions, in which 2 incoming and 2 outgoing liaison statements were included. The titles and Tdoc numbers of all the contributions are listed in the table shown in Annex 3, with an indication of their disposition in the meeting.

4. Achievements

The meeting proceeded producing the following results:

- 4.1 The Chair, Mr. Yuhan, the Convener, called the meeting to an order at 9:00am of Tuesday 16th, March 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 S5-99037) was reviewed and accepted as was drafted.
- 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 declared by any participants. No declaration was recorded.
- 4.6 Reports from various relevant meetings were reported.
- 4.6.1 **[Fort Lauderdale TSG-SA #1 meeting report]** The Convener made to the meeting a report (S5-99039) on the last Fort Lauderdale TSG-SA #1 meeting, which included the TSG-SA approval of SA5 proposals for two SA5 work items, revision of SA5 terms of reference and scope, SA5 WG name change. The Convener also reported to the meeting the TSG-SA discouragement of SA5's plan of creating two subworking groups, one for

each SA5 work item and the TSG-SA resolution of TSGS-(#2)99067 which defined the work responsibility division of SA and other TSGs in the telecom management aspect of the 3G system.

- 4.6.2 **[Milan RAN3 O&M AHG meeting report]** Delegates who attended the RAN3 O&M AHG Milan February meeting made verbal reports on the AHG meeting, in which RAN3 O&M AHG made its proposal to RAN3 regarding RAN3 WG's work scope and responsibility pertaining to the 3G O&M of the RAN subnetwork.
- 4.6.3 **[Sophia Antipolis ETSI/TMN and TMN5 meeting report]** Delegates who attended the Sophia Antipolis February/March ETSI/TMN and TMN5 meeting made verbal reports on these meetings, which included their actions of complete transfer to 3GPP their ongoing and completed work on UMTS management.
- 4.7 The meeting addressed the following inter-organizational issues:
 - 4.7.1 **[TMN5 (S5-99038, S5-99040, S5-99054)]** The meeting noted TMN5 LS in which TMN5 stated its plan of transferring the group's ongoing and/or completed work on UMTS management to SA5 Morristown meeting. The meeting received ETSI draft Technical Specifications TMN05001 and TMN05002, TMN5's work on UMTS management principles and architecture, and UMTS management physical architecture. The meeting decided to take them as the baselines for the outputs of the SA5 Work Items 1 and 2.
 - 4.7.2 **[RAN3 (S5-99041, S5-99043, S5-99044, S5-99045, S5-99046, S5-99047, S5-99052, S5-99053)]** The meeting studied RAN3 (O&M AHG) LS in which the RAN3 group made a proposal for a responsibility division between SA5 and RAN3 for 3G RAN sub-network O&M specification accompanied with a specific work plan to be progressed in a phased approach. The meeting also studied RAN3 activities and contributions on RAN O&M issues. The meeting agreed to generally accept the RAN3 proposal regarding matters to be covered in the first phase. However, the meeting felt that deciding on the matters beyond the first phase (as defined in the RAN3 LS) was premature as of now. So, the meeting decided to liaise RAN3 (i) that SA5 also agrees to take the RAN3-proposed RAN O&M architecture as a working assumption; (ii) that SA5 agrees to accept the phase one part of the RAN3-proposed work plan; and (iii) that SA5 would like to wait to see the phase one outcome of the RAN3 O&M requirement analysis as well as waiting for the outcome of SA5 3G management overall architecture. In this discussion, T-Mobil (ETSI) expressed its wish of the company position of not supporting the proposed RAN O&M architecture even as a working assumption to be recorded in the official record although it would not block the SA5 from drawing a general consensus in that direction.
 - 4.7.3 **[TSG-SA (S5-99039, S5-99048, S5-99056)]** The Convenor's report (S5-99039) from the Fort Lauderdale TSG-SA meeting prompted a few SA5 actions to be taken. In the light of SA discouragement, SA5 decided to revert its #1 WG meeting decision of creating subworking groups for each work items. The meeting also supported the SA resolution of TSGS-(#2)99067 which defined the work responsibility division of SA and other TSGs in the telecom management aspect of the 3G system. Furthermore, recognizing the inter-TSG project coordination responsibility of SA, and noting SA's request for all TSG-SA WGs to examine their terms of references so as to ensure the project coordination role in each WG's aspects to be properly reflected in the WG terms of references. In this context, the meeting agreed to propose to SA a revision (as indicated in S5-99056; =S-(#3)99172) of SA5 terms of reference along this line.
- 4.8 The group addressed organizational and administration issues as follows:
 - 4.8.1 **[WG5 WG chairman election (S5-99042)]** The meeting has received one registration for the WG chairman nomination. With no other contention, the meeting decided to elect the only candidate, Mr. Albert H. Yuhan of Omnipoint (T1), as the WG chairman of SA5 by acclamation. The Convenor would duly report the election result to TSG-SA. There was no nomination so far registered for the WG vice chairmanship in the meeting. The

Convenor announced that the vice chairmanship election of SA5 was called again for the next SA5 meeting.

- 4.8.2 [WG5 WI Rapporteurs appointment]** With the affected delegates' acceptance, Mr. Michael Truss of Motorola (ETSI)
- 4.9 The group addressed technical issues pertaining to Work Item 1 and 2 through rapporteur group discussions led by each WI rapporteurs, and approved the outcomes in the plenary session as follows:
- 4.9.1 [WI-1 baselining]** (S5-99050, S-(#3)99173) The meeting noted Omnipoint's contribution S5-99050, in which the network operating staff of Omnipoint compiled their wish items in telecom management so that those wish items can be considered as end-user inputs as the future generation telecom management requirements. The meeting took that input for further study. Furthermore, the meeting decided to adopt ETSI-produced UMTS 21.06 (version 3.0.0) as the baseline of 3GPP output for SA5 Work Item 1, which will be presented for information to April Yokohama #3 meeting of TSG-SA.
- 4.9.2 [WI-2 baselining]** (S5-99054, S5-99055, S-(#3)99174) Through the WI2 rapporteur group discussion, the meeting approved to revise some part of ETSI/TMN5-produced TMN 05.002 draft ETSI document and adopted the modified version as the baseline of 3GPP output for SA5 Work Item 2, which will be presented for information to April Yokohama #3 meeting of TSG-SA. The group felt that the issue of standardization technology for 3G TMN specification was critical and decided to concentrate its discussion on this matter in the next SA5 meeting.
- 4.9.3 [3G charging and business management]** (S5-99049, S5-99051) The issue of 3G system charging management, recognized in the previous Sophia Antipolis #1 meeting, was revisited to be examined if it would warrant to be worked on under a possible SA5 new work item. The group felt that the discussion should be made based on a clear service requirement identified by SA1 WG. So the meeting decided to liaise SA1 in which SA5 inquests SA1 to provide SA5 their input regarding this matter.

5 Request for TSG-SA Actions

The WG requests for TSG-SA actions as follows:

- 5.1 Review and approve this meeting report (Tdoc TSGS-#(99)171);
- 5.2 Discuss and approve the proposed change of Terms of Reference of SA5 (Tdoc TSGS-#3(99)172);
- 5.3 Take Tdoc TSGS-#3(99)173, presented to TSG-SA for information, as the baseline of SA5 WI-1 output to be put under the SA5 document change control;
- 5.4 Take Tdoc TSGS-#3(99)174, presented to TSG-SA for information, as the baseline of SA5 WI-2 output to be put under the SA5 document change control.

6 Future Meetings

The WG scheduled its future meeting as follows:

No.	Date	Place	Host	Remarks
#3	4-7/5/1999	Helsinki, Finland	Sonera, LTD	
#4	2-4/6/1999	Cambridge, UK	Lucent	Newly set after SA5 #3
#4	16-18/6/1999	Miami, USA	T1	Cancelled after SA5 #3
#5	27-30/7/1999	TBD	TBD	
#6	31/8-3/9/1999	TBD	TBD	
#7	Week of 25/10/1999	TBD	TBD	

No.	Date	Place	Host	Remarks
#8	13- 17/ 12/ 19 99	Same as SA place	Same as SA host	Consecutively with SA

Annex 1

**3GPP TSG-SA WG5 (Telecom management) Working Group
#2 Meeting Attendee List
16-18 March Morristown, NJ, USA**

N	C	S	Attendee Name	Ind. Mem.	PO	Telephone/Fax	E-mail
P	*	V	Albert H. Yuhan	Omnipoint	T1	1 973 872 5791 1 973 872 5714	Ayuhan@ omnipoint-pcs.com
P		P	Ray Nettleship	Omnipoint	T1	1 973 872 5060 1 973 872 5714	Rnettleship@ omnipoint-pcs.com
P	*		Jean-François Maudoux	CNET France Telecom	ETSI	33 1 45 29 51 11 33 1 45 29 43 99	Jeanfrancois.maudoux@ cnet.francetelecom.fr
P	*	V	Michael Truss	Motorola U.K.	ETSI	353-21-511327 353-21-357635	Mtruss01@ email.mot.com
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P	*	V	Andreas Wurzinger	Siemens AG	ETSI	49 30 386 22665 49 30 386 31110	Andreas.wurzinger@ icn.siemens.de
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			Michael Sanders	ETSI	ETSI		Michael.sanders@ etsi.fr
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	1		Tsutomu Kunita	NEC Corporation		81 45 939 2452	Kunita@ yh-tss03.ccgw.nec.co.jp
	1	*	Kiyoshi Hayashi	Fujitsu Limited		81 44 754 4089	Hayashi@ ts.fujitsu.co.jp
	1	*	Giorgio Ghinamo	CSELT Telecom Italia			Giorgio.ghinamo@ cselt.it
P	*	V	Tommy Berggren	Telia Mobile AB	ETSI	46 6014 5469 46 6014 5060	Tommy.r.berggren@ telia.se
P	*	V	Thak Patel	Lucent Technologies	ETSI	44 1793 883883 44 1793 883815	Thakpatel@ lucent.com
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P	*	V	Nenner Karl-Heinz	T-Mobil	ETSI	49 228 936 3343 49 228 936 3329	karl-heinz.nenner@ t-mobil.de
P	*	V	Gaetano Cicchitto	Italtel	ETSI	39 02 4388 6338 39 02 4388 6550	Gaetano.cicchitto@ italtel.it
P	*	V	Prasid Shah	NEC Tech. U.K.	ETSI	44 1753 606923 44 1753 606901	Shah@isd-nec.co.uk
P		P	Joanna Guenin	Motorola	T1	1 847 576 3517 1 847 538 7455	Joannag@comm.mot.com
P	*	V	John Mudge	Vodafone Ltd.	ETSI	44 1635 673587 44 1635 583569	John.mudge@vf.vodafone.co.uk

N	C	S	Attendee Name	Ind. Mem.	PO	Telephone/Fax	E-mail
P	*	V	Ulf Hubinette	L.M. Ericsson	ETSI	46 1328 4891 46 1328 4758	ulf.hubinette@epk.ericsson.se

Note (all information is valid as of the end of the last SA5 meeting):

- 1) Delegates marked as "**P**" in column N attended the Morristown meeting.
- 2) Shaded Column C (Counting), only one for each **IM**, carries information of the **IM** company's voting status in SA5 as of the end of the Morristown meeting, where
 - * for a perfect state; **0** for a pending state becoming perfect effective the next meeting; **I** > 0 for count of the last consecutive delinquencies of a good standing SA5 member **IM**; + for officially SA5 non-member state; Participation by any representative of an **IM** is counted as the **IM**'s presence.
- 3) Column S (Status), indicates voting status of the delegate for his/her **IM**, where
 - V** for primary voting delegate, **A** for alternate voting delegate, and **P** for non-voting participant.

Annex 2

**3GPP TSG-SA WG5 (Telecom management) Working Group
Agenda of Morristown (#2) meeting
16th - 18th March 1999
Morristown, NJ, USA**

- 1. Call to order (9:00am, 16 March)**
- 2. Participant registration**
- 3. Document registration and attribution**
- 4. Agenda approval**
- 5. IPR disclosure**
- 6. Reports**
 - 6.1 Fort Lauderdale TSG meeting report**
 - 6.2 Report from informal meeting with RAN3 O&M AHG**
 - 6.3 Other meeting reports**
- 7. Discussions and Decisions on inter-organizational issues**
- 8. Discussions and decisions on organization and administration issues**
 - 8.1 Election of WG leadership (Voting may be required)**
 - 8.2 Creation of SWGs**
 - 8.3 New work items**
 - 8.4 Other organizational/administrative issues**
- 9. Discussions and decisions on technical issues**
 - 9.1 3G TMN principles and architecture**
 - 9.2 3G telecom management requirements**
 - 9.3 3G business and service management framework**
 - 9.4 Other technical issues**
- 10. Discussions and decisions on other business**
- 11. Meeting scheduling**
- 12. Adjournment (18 March)**

Annex 3

Log of Morristown (#2) meeting documents 3GPP TSG-SA WG5 (Telecom management) Working Group 16th - 18th March 1999 Morristown, NJ, USA

Tdoc	Title	Source	Status
S5-99036	Proposed Agenda for Meeting #2 (Morristown, 16 - 18 March, 1999)	Convenor	revised - see S5-99037
S5-99037	Proposed revised (1) Agenda for TSG-SA5 Morristown (#2) meeting	Convenor	approved
S5-99038	LS from ETSI/TMN5: Reply to your Information Request on UMTS Management	TMN5	noted
S5-99039	Report from Fort Lauderdale TSG-SA #2 meeting on SA5 business	Convenor	noted
S5-99040	ETSI Draft Technical Specification TMN05001	Motorola	for study – taken as baseline
S5-99041	LS from RAN3: Proposal for Iub Interface O&M Work Item and amendment of TSG-RAN Terms of Reference	RAN 3 ad hoc	noted
s5-99042	Nomination of Albert Yuhon for position of TSG-SA WG5 chairman	Omnipoint	noted
s5-99043	Proposal for Iub Interface O&M Work Item and amendment of TSG-RAN Terms of Reference	RAN WG3 (R3-99153)	noted
s5-99044	New Proposal for amendment of TSG-RAN terms of reference	RAN WG3 (R3-99154)	noted
s5-99045	Proposed Changes to S3.01 RAN Overall Description relating to Node B O&M	Vodafone (R3-990155)	noted
s5-99046	Proposed Document Structure for Node B O&M Logical Model	Vodafone (R3-990156)	noted
s5-99047	S3.01 RAN Overall Description	Editor (Nortel) (R3-99108)	noted
s5-99048	TSG-SA decision on 3G Network Management standardization	Convenor	noted
s5-99049	Draft liaison statement to 3GPP TSG-SA WG1 on Charging Requirements for 3G Systems	S5	revised - see S5-99051
s5-99050	Operational concerns in network operation	Omnipoint	noted
s5-99051	Liaison Statement to 3GPP TSG-SA WG1 on Charging Requirements for 3G Systems	S5	approved
s5-99052	Draft response to the Proposal for Iub Interface O&M Work Item and amendment of TSG-RAN Terms of Reference	S5	revised - see S5-99053
s5-99053	Response to the Proposal for Iub Interface O&M Work Item and amendment of TSG-RAN Terms of Reference	S5	approved
s5-99054	TMN 05.002 (V0.0.3): Telecommunications Management Network Universal Mobile Telecommunication System Management Physical Architecture.	ETSI	for study – taken as baseline
s5-99055	Modification to Figure 2 of Tdoc S5-99054 (Physical Architecture)	Motorola	approved with minor modif.
s5-99056	Terms of reference of 3GPP/TSGS/WG5	Convenor	approved