

## 3GPP2 TSG-A: Access Network Interfaces TSG (TSG-A) #98 Meeting Summary – Atlanta, Georgia USA

**DATE:** Atlanta 26-30, 2007

**LOCATION:** Westin Peachtree Plaza Hotel  
210 Peachtree Street  
Atlanta, GA 30303 USA

**PRESIDING:** Wasuke Sato, KDDI

### OPENING PLENARY

**1. TSG Opening Remarks by TSG Chairman** – The Access Network Interfaces TSG (TSG-A) meeting was opened on Monday, March 26, 2007 at 8:35am local time by Wasuke Sato, TSG-A Chair.

**2. Introduction and Attendance Registration:** Sato-san conducted the roll call of participating Individual Member (IM) companies. 11 of the 13 quorum members responded as present, constituting 85% quorum. Refer to the list of quorum members in the Closing Plenary section [[link](#)] for additional details.

### **Member Electronic Sign-in Roster:**

Name	Company	Email
Mike Dolan	Alcatel-Lucent	<a href="mailto:mfdolan@alcatel-lucent.com">mfdolan@alcatel-lucent.com</a>
Nancy Lee	Alcatel-Lucent	<a href="mailto:nylee@alcatel-lucent.com">nylee@alcatel-lucent.com</a>
Jianmin Liu	China Unicom	<a href="mailto:liujm@chinaunicom.com.cn">liujm@chinaunicom.com.cn</a>
Hitoshi (Jin) Shibayama	Fujitsu, Ltd.	<a href="mailto:shibayama.h@jp.fujitsu.com">shibayama.h@jp.fujitsu.com</a>
Yosuke Takahashi	Hitachi	<a href="mailto:yosuke.takahashi.me@hitachi.com">yosuke.takahashi.me@hitachi.com</a>
Zhiming Li	Huawei Technologies	<a href="mailto:lizhiming@huawei.com">lizhiming@huawei.com</a>
Wasuke Sato	KDDI	<a href="mailto:wasuke@kddi.com">wasuke@kddi.com</a>
Scott Marin	Motorola	<a href="mailto:s.marin@motorola.com">s.marin@motorola.com</a>
Tatsushi Yagi	NEC Corporation	<a href="mailto:yagi.tt@ncos.nec.co.jp">yagi.tt@ncos.nec.co.jp</a>
Sandy Foster	Nortel	<a href="mailto:slfoster@nortel.com">slfoster@nortel.com</a>
David Ott	QUALCOMM	<a href="mailto:dott@qualcomm.com">dott@qualcomm.com</a>
Peerapol Tinnakornsriruphap	QUALCOMM	<a href="mailto:peerapol@qualcomm.com">peerapol@qualcomm.com</a>
Bill Semper	Samsung	<a href="mailto:bsemper@sta.samsung.com">bsemper@sta.samsung.com</a>
George Turnipseed	Sprint	<a href="mailto:george.a.turnipseed@sprint.com">george.a.turnipseed@sprint.com</a>
Rajesh Bhalla	ZTE Corporation	<a href="mailto:rabhalla@zteusa.com">rabhalla@zteusa.com</a>

### **3. Numbering of Contributions**

The following documents were numbered and assigned to the agenda:

Document # (20070326- xxx)	Title	Source	Agenda Item	Plenary Action/Decision
001R4	March 2007 Meeting Agenda and Schedule	Chair	4	Approved
002R1	TSG-A February 2007 Meeting Summary	Secretary	5	Approved as Modified; Secretary to Post to Website
003	Secretariat re 200702 TSG WI Review Cover Correspondence	TSG-S	6	Remanded to WG1
003A	200702 Work Item Worksheets	TSG-S	6	Remanded to WG1
004	TSG-C Liaison Report-0702-Seoul	TSG-C	6	For Information
005	TSG-S Liaison Report-0702-Seoul	TSG-S	6	For Information
006	Secretariat re Work Item Worksheet v4.0	Secretariat	6	For Information
006A	Work Item Worksheet v4.0	Secretariat	6	For Information
007	TSG-S re TSG Review of S.P0115-0 v1.1 ECS Stage 1	TSG-S	6	Remanded to WG1

Document # (20070326- xxx)	Title	Source	Agenda Item	Plenary Action/Decision
007A	S.P0115-0 v1.1 All IP ECS Stage 1-TSG REVIEW	TSG-S	6	Remanded to WG1
008	TSG-S re S.P0121 V&V	TSG-S	6	Remanded to WG1
008A	S.P0121-0 v0.06 3GPP2 Evolved Network SRD-VV Due 1 May-2007	TSG-S	6	Remanded to WG1
009	TSG-S re UMB NAM	TSG-S	6	For Information
010	TSG-X Corr to TSG-C re IETF Drafts	TSG-X	6	For Information
011	TSG-X to TSG-S re TSG-S Project Coordination Recommendations	TSG-X	6	For Information
011A	TSG-X Leadership Response on TSG-S Project Coordination Rec	TSG-X	6	For Information
012	TSG-X Corr to TSG-C re AltPPP	TSG-X	6	For Information
013	TSG-X Corr to TSG-S re Review of Work Items	TSG-X	6	For Information
014	TSG-X Corr to TSG-S re SRD Review	TSG-X	6	For Information
015	TSG-S re Document Status Table_0702	TSG-S	6	Remanded to WG1
016	TSG-A March 5 Interim Plenary Meeting Summary	Secretary	5	Approved; Secretary to Post to Website
017R4	TSG-A April 23 Interim Meeting Notice	Chair	8a	For Information
018	TR-45 EUMAG re CDG Tech Bulletin on MEID Issue v1.0	TR-45 EUMAG	6	Remanded to WG3
018A	TR-45 EUMAG re CDG Tech Bulletin 070301IRT MEID IOS Issue v1_0	TR-45 EUMAG	6	Remanded to WG3
019	Secretariat re A.S0007-A v3.0 VV Comment Form	Secretariat	7b	Remanded to HRPD Rev. 0 V&V AdHoc
020	Secretariat re A.S0008-0 v4.0 VV Comment Form	Secretariat	7b	Remanded to HRPD Rev. 0 V&V AdHoc
021	Secretariat re A.S0008-Av 2.0 VV Comment Form	Secretariat	7c	Remanded to HRPD Rev. A V&V AdHoc
022	Secretariat re A.S0009-Av2.0 VV Comment Form	Secretariat	7c	Remanded to HRPD Rev. A V&V AdHoc
023	Secretariat re 200702_TSG-A Workplan Contribution Cover	Secretariat	6	Remanded to WG1
024	ALU A.S0008-A v2.0 VV comments	Alcatel-Lucent	7c	Remanded to HRPD Rev. A V&V AdHoc
025	ZTE A.S0008-A v2.0 VV comments	ZTE	7c	Remanded to HRPD Rev. A V&V AdHoc
026	ZTE A.S0009-A v2.0 VV comments	ZTE	7c	Remanded to HRPD Rev. A V&V AdHoc
027	SF8 ZTE Adding Two Cause Values in A9-Update-A8 Message used in HRPD system	ZTE/China Unicom	7c	Remanded to HRPD Rev. A V&V AdHoc
028	SF9 ZTE Support multiple A8 Connections in Section 3.5.4	ZTE	7c	Remanded to HRPD Rev. A V&V AdHoc
029	SF9 ZTE Support multiple A10 Connections in Section 3.5.5	ZTE	7c	Remanded to HRPD Rev. A V&V AdHoc
030	Chair re TSG-A Documentation Schedule .zip	Chair	7a	Remanded to WG1 as FYI
031	Mot HRPD IOS-0 Bug Fix VV Comments Cover	Motorola	7b	Remanded to HRPD Rev. 0 V&V AdHoc
031A	Mot A.S0008-0 v4.0 VV comments	Motorola	7b	Remanded to HRPD Rev. 0 V&V AdHoc
031B	Mot A.S0007-A v3.0 VV Comments	Motorola	7b	Remanded to HRPD Rev. 0 V&V AdHoc

Document # (20070326- xxx)	Title	Source	Agenda Item	Plenary Action/Decision
032	Mot HRPD IOS-A-v2.0 VV Comments Cover	Motorola	7c	Remanded to HRPD Rev. A V&V AdHoc
032A	Mot A.S0008-A v2.0 VV Comments	Motorola	7c	Remanded to HRPD Rev. A V&V AdHoc
032B	Mot A.S0009-A v2.0 VV Comments	Motorola	7c	Remanded to HRPD Rev. A V&V AdHoc
033A	QC A.R1001-0 v1.0 Corrections Cover	QUALCOMM	7d	Remanded to WG4
033B	QC A.R1001-0 v1.0 Corrections	QUALCOMM	7d	Remanded to WG4
034A	QC A.S0007-A v3.0 VV Comments Cover	QUALCOMM	7b	Remanded to HRPD Rev. 0 V&V AdHoc
034B	QC A.S0007-A v3.0 VV Comments	QUALCOMM	7b	Remanded to HRPD Rev. 0 V&V AdHoc
035A	QC A.S0008-0 v4.0 VV Comments Cover	QUALCOMM	7b	Remanded to HRPD Rev. 0 V&V AdHoc
035B	A.S0008-0 v4.0 VV Comments	QUALCOMM	7b	Remanded to HRPD Rev. 0 V&V AdHoc
036A	QC A.S0008-A v2.0 VV Comments Cover	QUALCOMM	7c	Remanded to HRPD Rev. A V&V AdHoc
036B	QC A.S0008-A v2.0 VV Comments	QUALCOMM	7c	Remanded to HRPD Rev. A V&V AdHoc
037A	QC A.S0009-A v2.0 VV Comments Cover	QUALCOMM	7c	Remanded to HRPD Rev. A V&V AdHoc
037B	QC A.S0009-A v2.0 VV Comments	QUALCOMM	7c	Remanded to HRPD Rev. A V&V AdHoc
038A	A.S0008-C R&F Res. Cover	QUALCOMM	7e	Approved
038B	RES A.S0008-C v1.0 RnF Comments-R3	QUALCOMM	7e	Approved
038C	SF8-017r2A13 Pg Del+Ack	QUALCOMM	7e	Approved
039A	A.S0009-C R&F Res. Cover	QUALCOMM	7e	Approved
039B	RES A.S0009-C v1.0 RnF Comments-R4	QUALCOMM	7e	Approved
039C	SF9-018r2 13 Pg Del+Ack	QUALCOMM	7e	Approved
040	Hitachi A.S0008-A v2.0 VV Comment Form.	Hitachi	7c	Remanded to HRPD Rev. A V&V AdHoc
041	Hitachi A.S0009-A v2.0 VV Comment Form	Hitachi	7c	Remanded to HRPD Rev. A V&V AdHoc
042R1	AACFHKNOQZ Network Evolution TSG-A_X Work Split	Multiple Co's.	7f	For Information
043A	ZTE A.S0007-A v3.0 VV Comments1	ZTE	7b	Remanded to HRPD Rev. 0 V&V AdHoc
044A	ZTE A.S0008-0 v4.0 VV Comments1	ZTE	7b	Remanded to HRPD Rev. 0 V&V AdHoc
044B	SF8-xxx ZTE A11 Registration Request and Reply Messages in 3.4.2 of A.S0008-0 v41.0	ZTE	7b	Remanded to HRPD Rev. 0 V&V AdHoc
044C	SF8-xxx ZTE A11 Registration Request and Reply Messages in 3.3.2 of A.S0008-0 v41.0	ZTE	7b	Remanded to HRPD Rev. 0 V&V AdHoc
045	Secretariat re V&V Review of S.P0111-0 v1.2	Secretariat	6	Remanded to WG1
045A	S.P0111-0_v1.2_EUIM-ID Stage1-VV Due 11 May-2007	Secretariat	6	Remanded to WG1
046	Secretariat re V&V Review of SC.P4003-0 v0.6	Secretariat	6	Remanded to WG1
046A	SC.P4002-0 v3.3 MEID GHA Assignment Guidelines and Procedures-VV Due 11 May- 2007	Secretariat	6	Remanded to WG1
047	Secretariat re V&V Review of SC.P4002-0 v3.3	Secretariat	6	Remanded to WG1

Document # (20070326-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
047A	SC.P4003-0v06 EUIM_ID Numbering Admin Procedures-VV Due 11 May 2007	Secretariat	6	Remanded to WG1
048	Draft TSG-A Corr to TSG-S on WIs, Stage 1s, LS	TSG-A.1	6	Approved for Transmission by the Secretary
049	Draft TSG-A Corr to TSG-S on Review Schedule	Alcatel-Lucent	6	Approved for Transmission by the Secretary
050	A.S0008-0 v4.0 VV Res. .zip	QUALCOMM	7b	Approved
051	A.S0007-A v3.0 VV Res. .zip	QUALCOMM	7b	Approved
052	A.S0008-A v2.0 VV Res. .zip	QUALCOMM	7c	Approved
053	A.S0009-A v2.0 VV Res. .zip	QUALCOMM	7c	Approved
054R1	TSG-A May Meeting Notice	Chair	10	For Information
055	Secretariat re WPAH-20070301-005 KDDI-ARIB-TTC Input on DraftingRules-070226	Secretariat	6	Carried Forward to May TSG-A Meeting
055A	Secretariat re WPAH-20070301-005 KDDI-ARIB-TTC Input on DraftingRules-070226	Secretariat	6	Carried Forward to May TSG-A Meeting
056	A.S0008-C v1.0 VV-Cover	QUALCOMM	7e	Approved
056A	3GPP2 A.S0008-C v0.2 VV .zip	QUALCOMM	7e	Approved
056B	3GPP2 A.S0008-C v0.2 VV .pdf	QUALCOMM	7e	Approved for V&V Review with Comments due 14 May 2007
056C	A.S0008-C v1.0 VV Comment Form	QUALCOMM	7e	Approved
056D	A.S0008-C v1.0 RnF Comments-R3 PE-Notes	QUALCOMM	7e	Approved
056E	PE Editorial Work HRPD-C V&V v0.2	QUALCOMM	7e	Approved
057	A.S0009-C v1.0 VV-Cover	QUALCOMM	7e	Approved
057A	3GPP2 A.S0009-C v0.2 VV .zip	QUALCOMM	7e	Approved
057B	3GPP2 A.S0009-C v0.2 VV .pdf	QUALCOMM	7e	Approved for V&V Review with Comments due 14 May 2007
057C	A.S0009-C v1.0 VV Comment Form	QUALCOMM	7e	Approved
057D	A.S0009-C v1.0 RnF Comments-R3 PE-Notes	QUALCOMM	7e	Approved
057E	PE Editorial Work HRPD-C V&V v0.2	QUALCOMM	7e	Approved
058	TSG-S to TSG-X re VoIP Supplementary Service Descriptions	TSG-S	6	For Information
058A	Service Descriptions .zip	TSG-S	6	For Information
059	TSG-S to TR452 re S.P0121-0 V&V	TSG-S	6	For Information
059A	S.P0121-0 v0.06 3GPP2 Evolved Network SRD-V&V	TSG-S	6	For Information
060	Secretariat re S.P0108-0 v1.4 For VV Review by 11 May 2007	Secretariat	6	Remanded to WG1

#### 4. Agenda Review & Approval

The Chair referenced document 3GPP2 A00-200700326-001R4 *March Meeting Notice* for the TSG-A agenda. The agenda was approved as modified.

During the agenda review, it was noted that Samsung voiced a complaint that the Network Evolution work was now being conducted in WG-4 and not WG-2, and that as a result the scope of work for WG-2 is now no longer clear. Samsung raised concerns about how the Evolution work was proceeding in TSG-A, and that a lack of a coherent coordination plan for interworking with TSG-X, namely PDS, would lead to inconsistencies between the standards being created by both groups.

## 5. Meeting Summaries Review and Approval

- Document 3GPP2 **A00-20070326-002R1** *Seoul Meeting Summary* was presented by the Chair and approved, including the changes recommended by QUALCOMM. The clean version will be posted on the 3GPP2 Meeting Summaries page. Contribution **A00-20070326-016R0** *March 5 Interim Plenary Meeting Summary* was presented by the Chair and approved without further comment. The clean version will be posted on the 3GPP2 Meeting Summaries page.

## 6. Correspondence and Liaisons

The following correspondences and liaisons were discussed at the meeting:

- **A00-20070326-003 through -015**
- **A00-20070326-018, -023**
- **A00-20070326-045 through -049**
- **A00-20070326-055, and -058 through -060**

The following correspondence contributions were approved for transmission at Closing Plenary:

- Contribution **A00-20070326-048** Correspondence to TSG-S regarding review of work items, liaisons and Stage 1's was approved for transmission by the Secretary.
- Contribution **A00-20070326-049** Correspondence to TSG-S regarding Review Schedule was approved for transmission by the Secretary.

Please refer to Section 3 for Actions/Decisions.

## 7. Unfinished Business

### 7a. Document Editing Order

- Contribution **A00-20070326-030** regarding the TSG-A Specification Development Schedule was remanded to WG1 as FYI.

### 7b. HRPD Rev. 0 Bug Fix (A.S0007-A v3.0 & A.S0008-0 v4.0)

- Contributions **A00-20070326-019, -020, -031, -034, -035, -043, and -044**, V&V comments on A.S0007-A v3.0 and A.S0008-0 v4.0 from the Secretariat, Motorola, QUALCOMM, and ZTE Corporation were remanded to the V&V AdHoc, to be chaired by David Ott of QUALCOMM. Contributions **A00-20070326-050** and **-051** represent the V&V comment resolution files for A.S0007-A v3.0 and A.S0008-0 v4.0, which were both accepted following a motion by QUALCOMM (David Ott) and a second by Sprint Nextel (George Turnipseed). The professional editor will now take these files and incorporate them into the final documents. The TR-45.4 chair will inform the TSG-A chair if there are any TIA comments from their ballot beyond what was already submitted to date.

### 7c. HRPD Rev. A Bug Fix (A.S0008-A v2.0 & A.S0009-A v2.0)

- Contributions **A00-20070326-021, -022, -024, -025, -026, -027, -028, -029, -032, -036, -037, -040, and -041**, V&V comments on A.S0008-A v2.0 and A.S0009-A v2.0 from the Secretariat, Alcatel-Lucent, ZTE Corporation, Motorola, QUALCOMM, and Hitachi were remanded to the V&V AdHoc, to be chaired by David Ott of QUALCOMM. Contributions **A00-20070326-052** and **-053** represent the V&V comment resolution files for A.S0008-A v2.0 and A.S0009-A v2.0, which were both accepted following a motion by QUALCOMM (David Ott) and a second by Sprint Nextel (George Turnipseed). The professional editor will now take these files and incorporate them into the final documents. The TR-45.4 chair will inform the TSG-A chair if there are any TIA comments from their ballot beyond what was already submitted to date.

### 7d. A.R1001-0 v1.0 Corrections

- Contribution **A00-20070326-033** from QUALCOMM regarding updates to document A.R1001-0 v1.0 were presented by QUALCOMM and remanded to WG4.

### 7e. HRPD Rev. C R&F (A.S0008-C v1.0 & A.S0009-C v1.0)

- Contributions **A00-20070326-038** and **-039** presented by QUALCOMM represent the accepted R&F resolution files for A.S0008-C v1.0 and A.S0009-C v1.0.
- Contribution **A00-20070326-056B** is the PDF file that was approved for V&V review, following a motion by QUALCOMM (David Ott) and a second by Motorola (Scott Marin). V&V comments on A.S0008-C v0.2 are due by 14 May 2007 – before TSG-A opening plenary in San Diego. The other files in **A00-20070326-056** were approved.

- Contribution **A00-20070326-057B** is the PDF file that approved for V&V review, following a motion by QUALCOMM (David Ott) and a second by Motorola (Scott Marin). V&V comments on A.S0009-C v0.2 are due by 14 May 2007 – before TSG-A opening plenary in San Diego. The other files in **A00-20070326-057** were approved.

#### 7f. Evolution Network

- Contribution **A00-20070326-042R1** from Airvana, Alcatel-Lucent, CTC, Fujitsu, Hitachi, KDDI, NEC, OKI, QUALCOMM, and ZTE regarding clarifications on work split among TSG-X and TSG-A for 3GPP2 Network Evolution was presented For Information.

#### 8. New Business

##### 8a. April 23 Interim Plenary Agenda (IOS v5.1 V&V Completion – A.S0011/17-D v1.0)

- Contribution **A00-20070326-017R4** regarding an interim plenary to be held 23 April 2007 was presented For Information. Please note that the primary objectives for this interim plenary are to formally receive IOS v5.1 V&V comments, which are due to the [tsga@3gpp2.org](mailto:tsga@3gpp2.org) exploder by 11 April 2007; address TSG-A WG1 liaisons; and approve A.S0008-A v2.0 & A.S0009-A v2.0 HRPD Rev. A text for publication (pending availability).
- TSG-A participants are reminded that TSG-A WG1 will begin at 6pm Central Daylight Time. TSG-A Interim Plenary will begin immediately following WG1. V&V Comment Resolution will begin following Interim Plenary.

#### CLOSING PLENARY

At the closing of TSG-A Meeting #98 on Friday, March 30, 2007, the quorum list included 13 companies. They are listed as follows:

	Company Name	Attended Seoul	Attended 5 March Interim Plenary	Attended Atlanta
1	Alcatel-Lucent	#96	#97	#98
2	Alltel	#96	#97	
3	Hitachi	#96	#97	#98
4	Huawei Technologies	#96	#97	#98
5	KDDI	#96	#97	#98
6	Motorola	#96	#97	#98
7	NEC	#96	#97	#98
8	Nortel Networks	#96	#97	#98
9	QUALCOMM	#96	#97	#98
10	RIM		#97	
11	Samsung	#96		#98
12	Sprint	#96	#97	#98
13	ZTE Corporation	#96	#97	#98

- \* Please note that you must be present at a quorum call during the meeting week to be counted in the quorum list.
- \* China Unicom and Fujitsu were present during a quorum call in the Atlanta meeting for their first meeting towards being added to the Quorum List.

TSG-A Closing Plenary began at 8:16am local time on Friday, March 30, 2007.

#### 9. Working Group Reports

- 9a. Working Group 1: None.
- 9b. Working Group 2: None.
- 9c. Working Group 3: None.
- 9d. Working Group 4: None.

#### 10. Review Assignments

None.

### 11. Next Meeting Schedule:

Contribution **A00-20070326-054R1** May 2007 San Diego Meeting Notice was presented For Information

- Please note the following details regarding the next two TSG-A meetings:

Date: April 23, 2007, 6pm Central Daylight Time  
Location: CONFERENCE CALL  
Dial-in: +1 816-650-7819 or +1 866-860-0517, Pin: 73331

- Date: May 14-18, 2007  
Location: Omni San Diego Hotel  
675 L Street  
San Diego, CA 92101 USA  
Website: [Website](#)

### 12. Open Discussion

- A reminder to all TSG-A participants that IOS v5.1 (A.S0011/17-D v1.0) V&V comments are due 11 April 2007 to the [tsga@3gpp2.org](mailto:tsga@3gpp2.org) exploder.
- Scott Marin of Motorola agreed to serve as the IOS v5.1 V&V AdHoc Chair during comment resolution.
- TSG-A participants agreed that the Chair would continue to be the primary contact to communicate editorial work priorities to the technical writer.

### 13. Adjournment

The TSG-A March Plenary was adjourned at 9:33am local time on Friday, March 30, 2007.