

**TSG-X Plenary Meeting Report**  
**March 26-30, 2007**  
**Atlanta, Georgia USA**

**Chair:** Betsy Covell  
Tel: +1-630-979-2272  
FAX: +1-630-713-1921

**Vice-Chairs:** Ki Young Kim Toru Owai  
Tel: +82-31-450-1912 Tel: +81-44-455-8638  
FAX: +82-31-450-1907 FAX: +81-44-455-8122

Xin Wei  
Tel: +86-10-6809-4330  
Fax: +86-10-6803-4801

**Date:** March 26-30, 2007

**Time:** Convene on March 26, 2007 at 8:00 A.M.

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

**OPENING PLENARY**

**1. Call to Order & Opening Remarks**

The TSG-X Opening Plenary in Atlanta, Georgia USA began at 8:05am on Monday, March 26, 2007.

**2. Attendance Registration & Roll Call**

<b>Company</b>	<b>Present</b>
Aircell	
Alcatel-Lucent	Present
ALLTEL	Present
Bridgewater Systems Corporation	Present
Camiant	
China Unicom	Present
Cisco Systems	Present
Ericsson Wireless Communications, Inc.	Present
Fujitsu, Ltd.	Present
Hitachi	Present
Huawei Technologies	Present
Itochu Techno-Solutions Co.	Present
KDDI Corporation	Present
LG Electronics	
Motorola	Present
National Communications Systems	Present
NEC Corporation	Present
Nortel Networks	Present
Oki	Present
QUALCOMM, Inc.	Present
Research In Motion	Present
RITT	
Samsung Electronics	Present
Siemens	Present
SK Telecom	
Sprint	Present
Starent Networks	
Telcordia	Present

Telcoware	
TeleCommunication Systems, Inc.	
US Cellular	Present
UTStarcom	Present
Verizon Wireless	Present
ZTE Corporation	Present

**OTHERS PRESENT:**

Company	Present?
Comverse	Present
Tellabs	Present
Unicom Networks (Tech Writer)	Present

Quorum was established with 21 of the 35 Quorum members present at the Opening Plenary.

**3. Introduction and Numbering of Contributions**

The following documents were numbered and assigned to the agenda:

Document # (20070326-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
000R1	Contribution Log	Chair		For Information
001R2	TSG-X Meeting Notice	Chair	4	Approved as Modified
002	February 2006 TSG-X Meeting Report – Seoul	Chair	5	Approved; Secretary to Post on Website
003R1	Workplan	PMT Chair	8d.i	Approved; Remanded to ERA, CSN, PSN
003B	Workplan Archive	PMT Chair	8d.i	Approved; Remanded to ERA, CSN, PSN
004	Previous Month Outgoing Correspondence	Secretary	6	For Information
005	2007-2008 Meeting Schedule	Chair	9a	For Information
006, 006R3	Action Item List	Vice Chair	9b, 17	For Information
007	ERA Agenda – Opening Plenary	ERA Chair	8a	For Information
008	CSN Agenda – Opening Plenary	CSN Chair	8b	For Information
009	MMD Agenda – Opening Plenary	MMD Chair	8c	For Information
010	PMT Report – Opening Plenary	PMT Chair	8d	Verbal Report – For Information
011	PDS Agenda – Opening Plenary	PDS Chair	8e	For Information
012	TSG-C Liaison Report-0702-Seoul	TSG-C	7	For Information
013	TSG-S Liaison Report-0702-Seoul	TSG-S	7	For Information
014	Secretariat re Work Item Worksheet v4.0	Secretariat	6	For Information; Secretary to Post Updated Files to Local Server & FTP Site
015	ITU-R WP8F re M.1457 Revision 7 281v2	ITU-R WP8F	6	For Information
016	ITU-R WP8F re Liaison to EOs re IP-CHAR	ITU-R WP8F	6	Remanded to MMD WG
017	TR-45 re ESN Report 2007_02	TR-45	7	Remanded to CSN WG
018	OMA MMSG re OTA Provisioning	OMA MMSG	6	Remanded to MMD WG
019	OMA PAG re Presence Specific Static SigComp	OMA PAG	6	Remanded to MMD WG
020	TSG-A Corr to TSG-S on Project Coordination Recommendations	TSG-A	6	For Information
021	TSG-A Corr to TSG-X re A11 Message Fragmentation	TSG-A	6	Remanded to PDS WG
022	TSG-S re TSG Review of S.P0115-0 v1.1 ECS Stage 1	TSG-S	6	Remanded to ERA WG
022A	S.P0115-0 v1.1 All IP ECS Stage 1-TSG REVIEW	TSG-S	6	Remanded to ERA WG
023	TSG-S re S.P0121 V&V	TSG-S	6	Remanded to ERA WG
024	TSG-S re UMB NAM	TSG-S	6	Remanded to ERA WG
025	ITU-T SG2 re Liaison on Cell Broadcast Message Identifiers	ITU-T SG2	6	For Information
026R1	TR-45.2 Corr re TIA-873-B and TIA-41-E Ballots	TR-45.2	6	Remanded to CSN & MMD WG

Document # (20070326-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
027	3GPP SA2 re Response on 3GPP2 Network Evolution	3GPP SA2	6	Remanded to PDS WG
028	Secretariat re CAPEX-OPEX Usage	Secretariat	6	For Information
029	Secretariat re LAES Requirement of CALEA in S.P0121	Secretariat	6	For Information
030	MEID Administrator Report 20070301	MEID Admin	7	Remanded to CSN WG
031	TR-45 re ESN Report 2007_03	TR-45	7	Remanded to CSN WG
032	Secretariat re X.P0004-325,326,327-E VV Comments	Secretariat	6	Remanded to CSN WG
033	QUALCOMM re TSG-X Terms of Reference	QUALCOMM	10b	For Information
034	TSG-X MMD Presentation to MSF VON	Chair	10a	For Information
035	3GPP SA35 re Progress on LTE and SAE	3GPP SA35	6	Remanded to PDS WG
036	3GPP CT re Response to LS on OTA Provisioning	3GPP CT	6	Remanded to MMD WG
037	ITU-T ID Mgmt Focus Group February 07 Meeting Report	ITU-T	6	For Information
038R2	AACFHKNOQZ Network Evolution TSG-A_X Work Split.ppt	Multiple Co's	10c	For Information
039	Secretariat re X.P0013-013-0 v1.0 VV Comments	Secretariat	6	Remanded to MMD WG
040	Secretariat re X.P0013-014-0 v1.0 VV Comments	Secretariat	6	Remanded to MMD WG
041	Secretariat re X.P0013-000-B v1.0 VV Comments	Secretariat	6	Remanded to MMD WG
042	Secretariat re 200702 TSG-X Workplan Contribution Cover	Secretariat	8di	Remanded to CSN, MMD, PDS WGs
043	Secretariat re WPAH-20070301-005 KDDI-ARIB-TTC Input on DraftingRules-070226	Secretariat	6	Held Open Until October 2007 Meeting
044	NENA re Functional and Interface Standard	NENA	15	Remanded to MMD WG
045R1	TSG-X May Meeting Agenda and Schedule	Chair	19	Approved as Modified
046	CSN WG Report Mar 2007	CSN	14b	Approved
047	CSN Contribution Status Log Mar 2007	CSN	14b	For Information
048	XP0004-E-329-MWN R&F Text	CSN	14b	Approved for R&F
049	ERA Report	ERA	14a	Approved
050R2	Draft Corr to TSG-S re Work Item Review	ERA	14a	Approved for Transmission by the Secretary
051R1	Draft Corr to TSG-S re S.P0121 v0.6 Review	ERA	14a	Approved for Transmission by the Secretary
051A	S.P0121-0 v0.6 [TSG-X review]	ERA	14a	Approved Attachment
052	X.S0001-A SC Approval Text	CSN	14b	Approved for 15-Day SC Review and Publication; Correspondence Approved for Transmission by the Secretary
053	MMD Report	MMD	14c	Approved
054	TR-45.2 re TIA-41-E ballot summaries	TR-45.2	15	Remanded to CSN WG
055	TSG-S re VoIP Supplementary Service Descriptions	TSG-S	15	Remanded to ERA WG
055A	Service Descriptions .zip	TSG-S	15	Remanded to ERA WG
056R1	Draft Corr to TSG-S re S.P0120 and S.P0123 Requirements Review	ERA	14a	Approved for Transmission by the Secretary
057R1	Draft Corr to TSG-S re Input for UMB NAM	ERA	14a	Approved for Transmission by the Secretary
058	Draft Corr to TSG-S re VoIP Supplemental Services	ERA	14a	Approved for Transmission by the Secretary
059	Draft Corr to 3GPP SA2 re Response on Network Evolution	ERA	14a	Approved for Transmission by the Secretary
060R1	PDS Meeting Report	PDS	14e	Approved as Modified
061	Huawei re June Meeting Kunming China Info	Huawei	19	For Information

Document # (20070326- xxx)	Title	Source	Agenda Item	Plenary Action/Decision
062R1	Draft Corr to TSG-C re AltPPP	Chair	14e	Approved for Transmission by the Secretary
062A	Liaison to TSG-C re AltPPP	Chair	14e	Approved Attachment

#### 4. Agenda Review and Approval

**X00-20070326-001R2** *Atlanta Meeting Agenda* was approved.

#### 5. Review Previous Meeting Summary

Document **X00-20070326-002** *Seoul Meeting Summary* was presented by the Chair and approved without objection. The Secretary will post a clean version on the 3GPP2 Website Meeting Summaries section.

#### 6. Correspondence

The following correspondences were received and discussed at the Opening Plenary:

- **X00-20070326-004**
- **X00-20070326-014 through -016**
- **X00-20070326-018 through -029**
- **X00-20070326-032, -035 through -037**
- **X00-20070326-039 through -041, -043**

Please refer to Section 3 for Actions/Decisions.

#### 7. Liaison Reports

Steering Committee: None.

TSG-A: None.

TSG-C: **X00-20070326-012** The TSG-C Liaison Report from February 2007 was presented For Information.

TSG-S: **X00-20070326-013** The TSG-S Liaison Report from January 2007 was presented For Information.

SDO: None.

IETF: None.

UIM ID Administrator: None.

MEID Administrator: **X00-20070326-030** The MEID Administrator Report from February 2007 was remanded to CSN WG.

ESN Administrator: **X00-20070326-017** The ESN Administrator Report from February 2007 was

remanded to CSN WG. **X00-20070326-031** The ESN Administrator Report from March 2007 was remanded to CSN WG.

Other:

- Kuntal Chowdhury has resigned as 3GPP2 WiMAX Forum Liaison. Avi Lior was appointed as the new 3GPP2 WiMAX Forum Liaison, and the change will be noted in the next TSG-X report to the Steering Committee.
- WiMAX Forum will soon be publishing release 1 of their NWG. The Stage 3 includes an annex on interworking with 3GPP2. Avi will bring it into TSG-X for review as soon as it is available.
- IETF has agreed to put PMIPv6 on the fast track to ensure it is ready for our use in a timely manner. An internet draft on PMIPv4 will be published soon as an informational RFC.

#### 8. Working Group Status

**8a. ERA**: **X00-20070326-007** The ERA Agenda was presented For Information.

**8b. CSN**: **X00-20070326-008** The CSN Agenda was presented For Information.

**8c. MMD**: **X00-20070326-009** The MMD Agenda was presented For Information.

**8d. PMT**: **X00-20070326-010** The PMT Report was a verbal contribution. **X00-20070212-003R1** Updated Workplan and **X00-20070326-003B** Workplan archive were approved. An updated workplan will be provided by the next meeting. In addition, contribution **X00-20070326-042** regarding TSG-S/Secretariat Workplan Information was remanded to CSN, MMD and PDS working groups for response.

**8e. PDS: X00-20070326-011** The PDS Agenda was presented For Information.

**9. Old Business**

**9a. X00-20070326-005** 2007-2008 Meeting Schedule was presented For Information.

**9b. X00-20070326-006** Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

**10. New Business**

**10a. 3GPP2 MMD Presentation to MSF VON Conference: X00-20070326-034** The MMD Presentation to MSF VON Conference on March 20, 2007, was presented For Information.

**10b. Terms of Reference: X00-20070326-033** Proposed changes to TSG-X Terms of Reference by QUALCOMM was presented For Information.

**10c. Network Evolution Work Split: X00-20070326-038** The presentation on Network Evolution Work Split presented by numerous companies was presented For Information.

**11. Recess**

Opening Plenary was recessed at 10:54am local time until Closing Plenary on Friday, March 30, 2007.

**CLOSING PLENARY**

**12. Reconvene**

Closing Plenary convened at 8:30am local time on Friday, March 30, 2007.

**13. Liaison Reports**

None.

**14. Working Group Status**

The following contributions were discussed in each Working Group Status Report:

**14a. ERA:**

- **X00-20070326-049** ERA Report was approved.
- **X00-20070326-050R2** Draft correspondence to TSG-S regarding Work Item reviews was approved as modified for transmission by the Secretary.
- **X00-20070326-051R1** Draft correspondence to TSG-S regarding review of S.P0121 v0.6 was approved as modified for transmission by the Secretary along with its attachment.
- **X00-20070326-056R1** Draft correspondence to TSG-S regarding the review of S.P0120 and S.P0123 Requirements was approved as modified for transmission by the Secretary.
- **X00-20070326-057R1** Draft correspondence to TSG-S in response to their request regarding UMB NAM input was approved as modified for transmission by the Secretary along with its attachment.
- **X00-20070326-058** Draft correspondence to TSG-S regarding VoIP supplementary services was approved for transmission by the Secretary.
- **X00-20070326-059** Draft correspondence to 3GPP SA2 regarding ongoing network evolution work was approved for transmission by the Secretary.

**14b. CSN:**

- **X00-20070326-046** The CSN Report was approved.
- **X00-20070326-052** X.S0001-A v1.0 CDMA Packet Data Service text was approved for 15-Day SC Review and Publication. In addition, related draft correspondence to TR-45.2 was approved for transmission by the Secretary.
- **X00-20070326-048** X.P0004-329-E v1.0 Message Waiting Notification text was approved for R&F.
- **X00-20070326-047** The Contribution Status Log was presented For Information.

**14c. MMD:**

- **X00-20070326-053** The MMD report was approved (note individual Report Decision Items below).
- **Item A:** X.P0013-010-0 V&V text was approved for V&V review, with comments due by the May TSG-X meeting in San Diego.
- **Item B:** X.P0013-011-0 V&V text was approved for V&V review, with comments due by the May TSG-X meeting in San Diego.
- **Item C:** X.P0042-002 VCC text was approved for R&F.
- **Item D:** X.P0052 MMD Roaming text was approved for R&F.
- **Item E:** X.P0042 workplan update was processed in TSG-X PMT.
- **Item FR1:** Draft correspondence to TR-45.2 regarding TIA ballot on X.P0013 and X.P0004 was approved as modified for transmission by the Secretary.
- **Item GR1:** Draft correspondence to OMA regarding OTA provisioning was approved as modified for transmission by the Secretary.
- **Item HR1:** Draft correspondence to TSG-C forwarding the correspondence in GR1 on OTA provisioning was approved as modified for transmission by the Secretary with its attachments.
- **Item IR1:** Draft correspondence to TR-45.2 regarding TIA ballot on X.P0013-B parts -010 and -011 was approved as modified for transmission by the Secretary.

**14d. PMT:** Verbal Report.

**14e. PDS:**

- **X00-20070326-060R1** The PDS Report was approved as modified. In particular, X.S0022-A v1.0 BCMCS text was approved for 15-Day SC review and publication. X.S0028-0 v1.0 WLAN Interworking text was also approved for 15-Day SC review and publication. X.P0046 TEF text was approved for R&F. New projects were also started for an Evolved Architecture document, as well as a new project for X.P0011-D v2.0 bug fixes.
- **X00-20070326-062R1** Draft correspondence to TSG-C regarding a correction on previously sent AltPPP correspondence was approved as modified for transmission by the Secretary.

**15. Correspondence (continued)**

- **X00-20070326-044** Correspondence from NENA regarding a functional and interface standard for next generation 9-1-1 was remanded to MMD WG.
- **X00-20070326-054** Correspondence from TR-45.2 regarding ballot comments on X.P0004-E parts -325, -326, and -327 was remanded to CSN WG.
- **X00-20070326-055** and **-055A** Correspondence from TSG-S regarding VoIP supplementary service descriptions was remanded to ERA WG.

**16. Old Business:** None.

**17. Assignments**

- **X00-20070326-006R3** Updated Action Item List was presented For Information.

**18. Open Discussion**

- The Chair expressed special thanks again to Bjorn Hjelm and Alltel for organizing a team building dinner this week.
- The Chair announced that Toru Owai of NEC will serve as TSG-X representative to the Meeting Planning Review Team.

**19. Schedule of Meetings**

- **X00-20070326-045R1** *May 2007 TSG-X Meeting Agenda* was approved as modified.
- **X00-20070326-061** Information on the June 2007 TSG meetings in Kunming, China, was presented For Information.

**20. Adjourn**

TSG-X Closing Plenary adjourned at 10:40am local time.