

**TSG-X Plenary Meeting Report**  
**November 2-5, 2009**  
**Mumbai, INDIA**

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

**Vice-Chairs:** BeomSik Bae Hirofumi Okata  
Tel: +82-31-279-5093 Tel: +81-44-455-8638  
FAX: +82-31-279-5130 FAX: +81-44-455-8235

Rajesh Bhalla  
Tel: +1-858-554-0387 x216  
FAX: +1-858-554-0894

**Date:** November 2-5, 2009  
**Time:** Convene on November 2, 2009 at 9:00 A.M.  
**Location:** Hyatt Regency Mumbai  
Sahar Airport Road  
Mumbai, India 400 099

**OPENING PLENARY**

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

The TSG-X Opening Plenary in Mumbai, India began at 9:02am on Monday, November 2, 2009.

**2. Attendance Registration & Roll Call**

<b>Company</b>	<b>Present</b>
Airvana	Present
Alcatel-Lucent	Present
Bridgewater Systems Corporation	Present
China Telecom	
Hitachi	Present
Huawei Technologies	Present
KDDI Corporation	Present
Motorola	Present
National Communication Systems	Present
NEC Corporation	Present
Nokia-Siemens	
Nortel	Present
Qualcomm, Inc.	Present
RITT	
Research in Motion	Present
Samsung	
Sprint	Present
Starent Networks	Present
Tatara Systems	Present
Telcordia	Present
US Cellular	Present
Verizon Wireless	
ZTE Corporation	Present

Quorum was established with 18 of the 23 Quorum members present at the Opening Plenary.

### 3. Introduction and Numbering of Contributions

The following documents were numbered and assigned to the agenda:

Document #(20091102-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	September 2009 TSG-X Meeting Report	Chair	5	Approved; Secretary to Post on Website
003	Workplan	PMT	9c	Approved; Remanded to ERA, MMD, PDS
004	Previous Month Outgoing Correspondence	Secretary	6	For Information
005	2008-2009 Meeting Schedule	Chair	9a	For Information
006R2	Action Item List	Vice Chair	9b, 17	For Information
007	ERA Agenda – Opening Plenary	ERA	8a	For Information
008	MMD Agenda – Opening Plenary	MMD	8b	For Information
009	PDS Agenda – Opening Plenary	PDS	8c	Verbal Report For Information – No Written Contribution
010	TSG-X Workplan Files/Questions	TSG-S PMT	9c	For Information
011	TSG-C Liaison Report-0909 - Hollywood	TSG-C	7	For Information
012	TSG-S Liaison Report-0909 - Hollywood	TSG-S	7	For Information
013	FMOAHG Chair 2009.11.02 FMOAHG Status Report Mumbai	Femto Mgmt Ad Hoc	7	For Information
014	MEID Administration Report FINAL 20090930	MEID Admin	7	For Information
015	ITU-T SG13 to 3GPP and 3GPP2 re Mobility Coord. for NGN Cover	ITU-T SG13	6	Remanded to MMD, PDS
015A	ITU-T SG13 to 3GPP and 3GPP2 re Mobility Coordination for NGN	ITU-T SG13	6	Remanded to MMD, PDS
016	ITU-T SG 13 re Request for Info on Recomm. Q.1742.8 Cover	ITU-T SG13	6	Remanded to Q.1742.8 Liaison
016A	ITU-T SG 13 re Request for Info on Recomm. Q.1742.8	ITU-T SG13	6	Remanded to Q.1742.8 Liaison
017	TSG-S to TIA TR-45.8 RE S.R0108 V&V Completion and Pub	TSG-S	6	For Information
018	TSG-S to TR45.8 re S.P0129-A V&V	TSG-S	6	For Information
018A	S.P0129-A_v1.2_Inter-Tech_EUTRAN-cdma2k-V&V.zip	TSG-S	6	For Information
019	TSG-S to TSG-C re Message Integrity Protection	TSG-S	6	For Information
020	TSG-C to TSG-S re WI Review Status	TSG-C	6	For Information
021	TSG-C to 3GPP CT6 re DFMMSS Under DF Telecom	TSG-C	6	For Information
022	Global Numbering Joint Experts Meeting re JEM 01 Meeting Liaison Cover	Global Numbering JEM	6	Remanded to ERA
022A	JEM 01- 014 JEM 01 Summary 2009-09-30	Global Numbering JEM	6	Remanded to ERA
023	TSG-X October Interim Plenary Meeting Summary	Chair	5	Approved; Secretary to Post on Website
024	TSG-X Correspondence Templates .zip	Chair	6	Approved; Secretary to Post on Server and FTP Site
025	ATIS WTSC re Response to Draft ITU-T Recommendation on Land Mobile B'cast Cap.	ATIS WTSC	6	For Information
026	TSG-C Liaison Report-091021-Interim_Plenary	TSG-C	7	For Information
027	TR-45.8 Corr re X.P0011-E Ballot Comments	TR-45.8	6	Remanded to PDS
028R2	TSG-X Report to the Steering Committee	Chair	7, 13	Approved as Modified
028B	IETF Report to SC	Chair	13	Approved
028C	Broadband Forum Liaison Agreement Final Version	Chair	13	For Information

Document # <b>(20091102-xxx)</b>	Title	Source	Agenda Item	Plenary Action/Decision
029R1	Hitachi re X.P0057-0 V&V Comments	Hitachi	6	Remanded to PDS
030	Secretariat re X.P0057-0 v1.8 VV Comments	Secretariat	6	Remanded to PDS
031	Secretariat re X.P0059-100 VV Comments	Secretariat	6	Remanded to PDS
032	Secretariat re X.P0011-001-E VV Comment	Secretariat	6	Remanded to PDS
033	Secretariat re X.P0011-002-E VV Comment	Secretariat	6	Remanded to PDS
034	Secretariat re X.P0011-003-E VV Comment	Secretariat	6	Remanded to PDS
035	Secretariat re X.P0011-004-E VV Comment	Secretariat	6	Remanded to PDS
036	Secretariat re X.P0011-005-E VV Comment	Secretariat	6	Remanded to PDS
037	Secretariat re X.P0011-006-E VV Comment	Secretariat	6	Remanded to PDS
038R1	Chair re X.P0004-000-E v10.0 and 550-E v4.0 V&V Text .zip	Chair	8b, 14c	Approved for V&V Review; Comments Due by January Meeting
039	TR-458 re X.P0057-0 v1.8 TR458 Ballot Comments	TR-45.8	6	Remanded to PDS
040	Nortel re X.P0057 V&V Comments .zip	Nortel	6	Remanded to PDS
041R1	TSG-X Workshop Presentation.ppt	Chair	10a	Approved as Modified
101R1	TSG-X December Meeting Agenda and Schedule	Chair	19	Approved
102	ERA Report	ERA	14b	Approved
103R1	MMD Report	MMD	14c	Approved
104	PDS Report	PDS	14d	Approved
105	FMOAHG Chair re Draft Liaison to TSG-C	Femto Mgmt Ad Hoc	15	For Information
105AR1	FMOAHG Chair re Draft Liaison to TSG-C re Femto Mgmt Object Workplan Revisions	Femto Mgmt Ad Hoc	15	Approved as Modified for Transmission by the Secretary
106A	FMO Workplan Change Request - Cover	Femto Mgmt Ad Hoc	14a	Approved as Modified
106BR1	TSG-X Workplan 3GPP2 Femto Configuration Parameters.doc	Femto Mgmt Ad Hoc	14a	Approved as Modified
107	Editor-X.P0062-0 Work Plan Related	Chair	14a	Approved

#### 4. Agenda Review and Approval

- **X00-20091102-001R2** *Mumbai November Meeting Agenda* was approved as modified.

#### 5. Review Previous Meeting Summary

- Document **X00-20091102-002** *Hollywood September Meeting Summary* was presented by the Chair and approved. 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:

- **X00-20091102-004**
- **X00-20091102-015 through -022, -024, -025, -027**
- **X00-20091102-029 through -037, -039, -040**

Please refer to Section 3 for Actions/Decisions.

## 7. Liaison Reports

Steering Committee: **X00-20091102-028** The draft TSG-X Report to the Steering Committee was held open until Closing Plenary, pending modifications and attachments.

TSG-C: **X00-20091102-011** The TSG-C Liaison Report from September 2009 was presented For Information. **X00-20091102-026** The TSG-C Interim Plenary Liaison Report from October 21, 2009 was presented For Information.

TSG-S: **X00-20091102-012** The TSG-S Liaison Report from September 2009 was presented For Information.

SDO: None.

FMOAHG: **X00-20091102-013** The Femto Management Ad Hoc Group Status Report was presented For Information. The Chair noted that a volunteer is needed to represent 3GPP2 at an upcoming Femto Forum conference.

IETF: None.

UIM ID Administrator: None.

MEID Administrator: **X00-20091102-014** MEID Administration Report through September 30, 2009 was presented For Information.

ESN Administrator: None.

Other: None.

## 8. Working Group Status

**8a. ERA: X00-20091102-007** The ERA Agenda was presented For Information.

**8b. MMD: X00-20091102-008** The MMD Agenda was presented For Information.

**8c. PDS: X00-20091102-009** The PDS Agenda was presented as a verbal report For Information.

## 9. Old Business

**9a. X00-20091102-005** 2009-2010 Meeting Schedule was presented For Information.

**9b. X00-20091102-006** Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

**9c. X00-20091102-003** the TSG-X Workplan was approved and remanded to ERA, MMD and PDS WGs for further review and updates. **X00-20091102-010** Workplan Questions from TSG-S PMT were presented For Information.

## 10. New Business

**10a. Draft TSG-X Presentation to 3GPP2 India Workshop: X00-20091102-041R1** the Draft TSG-X Presentation for the 3GPP2 India Workshop was approved as modified.

## 11. Recess

Opening Plenary was recessed at 10:40am local time until Closing Plenary on Thursday, November 5, 2009.

## CLOSING PLENARY

### 12. Reconvene

Closing Plenary convened at 4:03pm local time on Thursday, November 5, 2009. No companies were added to the quorum call at this time.

## 13. Liaison Reports

Steering Committee: **X00-20091102-028R2** The TSG-X Report to the Steering Committee was approved as modified for presentation at the Mumbai Steering Committee meeting. In addition, **X00-20091102-028B** the IETF Liaison Report was approved as an attachment to the SC Report. **X00-20091102-028C** the Broadband Forum Liaison Agreement also was presented For Information and for inclusion in the SC Report.

#### 14. Working Group Status

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

##### 14a. PMT:

- **X00-20091102-104BR1** PDS Workplan updates were approved as modified.
- **X00-20091102-106A** and **-106BR1** Workplan changes from the Femto Management Ad Hoc Group on X.P0063-0 v1.0 Femto Management Objects were approved as modified.
- **X00-20091102-107** Workplan changes from the Chair regarding X.P0062-0 v1.0 Policy and Charging Control Interaction for cdma2000 1x and HRPD were approved.

##### 14b. ERA:

- **X00-20091102-102** ERA Report was approved.
- **X00-20091102-102AR1** Draft correspondence to TSG-S regarding review items was approved as modified for transmission by the Secretary.

##### 14c. MMD:

- **X00-20091102-103** The MMD Report was approved. In particular, X.P0004-000-E v10.0 and X.P0004-550-E v4.0 MAP texts (see **X00-20091102-038R1**) were approved for V&V review, with comments due by the January TSG-X Meeting. X.P0059-200-0 v1.0 cdma2000 Femtocell Network V&V text was approved for V&V review, with comments due by the December TSG-X Meeting.
- **X00-20091102-103A** Draft correspondence to TR-45.8 regarding X.P0059-200-0 v1.0 ballot was approved for transmission by the Secretary.
- **X00-20091102-103B** Draft correspondence to TR-45.8 regarding X.P0004-000-E v10.0 and X.P0004-550-E v4.0 ballot was approved for transmission by the Secretary.

##### 14d. PDS:

- **X00-20091102-104A** The PDS report was approved. In particular, X.S0011-E v1.0 cdma2000 Packet Data Network (6 Parts) was approved for 15-Day Steering Committee review and publication. X.P0059-000-0 v1.0 cdma2000 Femtocell Network Overview was approved with comments due by the December TSG-X Meeting.
- **X00-20091102-104BR1** See Agenda item 14a
- **X00-20091102-104C** Draft correspondence to TR-45.8 regarding X.P0059-000-0 v1.0 ballot was approved for transmission by the Secretary.
- **X00-20091102-104D** Draft correspondence to TR-45.8 regarding X.S0011-E v1.0 publication was approved for transmission by the Secretary.
- **X00-20091102-104ER1** Updated 3GPP2 Assigned Numbers was approved. The Secretary will make the updates to the 3GPP2 Website, accordingly.
- **X00-20091102-104F** Updated IETF Dependencies was approved. The Secretary will make the updates to the 3GPP2 Website, accordingly.

#### 15. Correspondence (continued)

- **X00-20091102-105AR1** Draft correspondence to TSG-C regarding Femto Management Object Workplan Revisions was approved as modified for transmission by the Secretary.

#### 16. Old Business:

None.

#### 17. Assignments

- **X00-20091102-006R2** The Updated Action Item List was presented For Information. Chairs are requested to inform the Action Item list editor, Rajesh Bhalla, of any additional updates, as necessary.

#### 18. Open Discussion

None.

**19. Schedule of Meetings**

- **X00-20091102-101** *December 2009 TSG-X Meeting Agenda* was approved as modified.

Please note the following details regarding the next TSG-X meeting:

Grand Wailea Hotel  
3850 Wailea Alanui Drive  
Wailea, HI 96753 USA  
Phone: +1 800 888 6100

Cutoff Date: November 7, 2009  
Room Rate: \$185 USD + Tax

**20. Adjourn**

TSG-X Closing Plenary adjourned at 5:13pm local time.