

**TSG-X Plenary Meeting Report**  
**July 20-24, 2009**  
**Seoul, SOUTH KOREA**

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

**Vice-Chairs:** BeomSik Bae                      Toru Owai  
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:** July 20-24, 2009  
**Time:** Convene on July 20, 2009 at 9:00 A.M.  
**Location:** Grand Hyatt Seoul  
747-7 Hannam 2-Dong, Yongsan-Ku  
Seoul, SOUTH KOREA

**OPENING PLENARY**

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

The TSG-X Opening Plenary in Seoul, SOUTH KOREA began at 9:05am on Monday, July 20, 2009.

**2. Attendance Registration & Roll Call**

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

**OTHERS PRESENT:**

<b>Company</b>	<b>Present?</b>
China Telecom	Present
Research in Motion	Present
RITT	Present
Samsung	Present

Quorum was established with 15 of the 20 Quorum members present at the Opening Plenary.

### 3. Introduction and Numbering of Contributions

The following documents were numbered and assigned to the agenda:

Document # <b>(200906720-xxx)</b>	Title	Source	Agenda Item	Plenary Action/Decision
000R2	Contribution Log	Chair		For Information
001R4	TSG-X Meeting Notice	Chair	4	Approved as Modified
002	May 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
006R1	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
009R1	PDS Agenda – Opening Plenary	PDS	8c	For Information
010	TSG-X Workplan Files	TSG-S PMT	9c	Remanded to ERA, MMD, PDS
011	TSG-C Liaison Report-0906-Newport Beach	TSG-C	7	For Information
012	TSG-S Liaison Report-0906-Newport Beach	TSG-S	7	For Information
013	MEID Administration Report FINAL 20090630	MEID Admin	7	For Information
014	Tata re EIR Capability	Tata	6	Remanded to MMD and PDS
015	TSG-S re SR0129A v1.1_TSG Rev	TSG-S	6	Remanded to ERA
015A	S.P0129-A_v1.1_Inter-Tech_EUTRAN-cdma2k-TSG-REVIEW.zip	TSG-S	6	Remanded to ERA
016	TSG-S to GDA re IMEI Alloc Coord	TSG-S	6	For Information
017	TSG-S to TR45-8 re S.R0037-B v2.0 For Pub	TSG-S	6	For Information
017A	S.R0037-B v2.0 ALL IP NAM .zip	TSG-S	6	For Information
017B	S.R0037-B v2.0 ALL IP NAM Comments Master Comment Resolutions.doc	TSG-S	6	For Information
018	TSG-S to TR45.8 re S.R0124-0 v2.0 For Pub	TSG-S	6	For Information
018A	S.R0124-0 v2.0 UMB NAM .zip	TSG-S	6	For Information
018B	S.R0124-0 v2.0 UMB NAM Comments Master Comment Resolutions.doc	TSG-S	6	For Information
019	TSG-S to TSGs re Femto Architecture Lunchtime Discussion	TSG-S	6	For Information
020	TSG-S re Cancelling Work Items	TSG-S	6	For Information
021	TSG-S to SC Chair re Release 6	TSG-S	6	For Information
022	TSG-S Response re EAP and MIPv4 Key	TSG-S	6	Remanded to PDS
022A	ALU X.P0044 Diameter MIP4 Application.ppt	TSG-S	6	Remanded to PDS
022B	ALU X .P0044 MIPv4 Authentication Extensions.doc	TSG-S	6	Remanded to PDS
023	Chair re Tech Writer Requirements	Chair	6	For Information
024	TSG-S to SC Chair re WPD Drafting-090703	TSG-S	6	For Information
025	TSG-C to TSG-S re WI Review Status	TSG-C	6	Remanded to ERA
026	TSG-C to TSG-S re TSG-C Review of SC_P2004-003-0	TSG-C	6	For Information
027	NEC re Vice-Chair Announcement	NEC Corporation	10a	Approved
028	TSG-X Correspondence Templates 2009-07	Chair	10b	Approved; Secretary to Post on Server
029	Chair TSG-X FMOAHG_MO Parameter Formats	Femto Ad Hoc Chair	6	Remanded to MMD and PDS
029A	Chair TSG-X FMOAHG_ X.S00xx-0 v1.0 (Femto Config)	Femto Ad Hoc Chair	6	Remanded to MMD and PDS
030	ISO-IEC JTC1 SC29 WG11 to 3GPP2 re Media Transport	ISO/IEC JTC1 SC 29 WG11	6	For Information

Document # <b>(200906720-xxx)</b>	Title	Source	Agenda Item	Plenary Action/Decision
031	NEC Corp re Candidate for Vice-Chairmanship of TSG-X	NEC Corporation	10a	Approved
031A	support letter for Hirofumi Okata(NEC).pdf	NEC Corporation	10a	FYI
032	CDG re Proposed Draft Corr to Tata re EIR, ESN and MEID Cover	CDG	6	Remanded to MMD and PDS
032A	TataReply_Draft.doc	CDG	6	Remanded to MMD and PDS
033	ITU-R SG5 re LS on Femtocells and Femto Access Nodes	ITU-R SG5	6	For Information
034	Draft Corr to TSG-S Regarding Femto NAM	Chair	6	Approved for Transmission by the Secretary
101	TSG-X August Meeting Agenda and Schedule	Chair	19	Approved
102	ERA Report	ERA	14b	Approved
103	MMD Report	MMD	14c	Approved
104	PDS Report	PDS	14d	Approved as Modified
105	Draft Corr to TATA re EIR, ESN, MEID	Chair	15	Approved for Transmission by the Secretary
106	TSG-S Corr to TR45-8 re SR0108-0 V&V	TSG-S	15	For Information
106A	S.R0108-0_v2.0_070521.pdf	TSG-S	15	For Information
106B	(S00-20070514-116)_S.R0108-0 v.2.o HRPD-3G1x-IOP-SRD.doc	TSG-S	15	For Information
107	TSG-S Response to India Questionnaire	TSG-S	15	For Information
108	TSG-S re Joint Femto Sessions	TSG-S	15	For Information
109	TSG-S re FMOAHG_MO Parameter Formats(S00-20090723-XXX)	TSG-S	15	Remanded to Femto Ad Hoc Group
110	GSMA North America to ITU-T SG2 re Response to Draft ITU-T Rec. on Req. for Land Mobile Alerting Broadcast Capabilities for Civic Purpose	GSMA North America	15	For Information
111R1	Chair_FMOAHG_2009.07.21 FMOAHG Meeting Notes Seoul	Femto Ad Hoc Chair	13	Approved as Modified
<b>Document #<b>(20090615-xxx)</b></b>	<b>DOCUMENTS CARRIED FORWARD FROM JUNE TSG-X MEETING:</b>			
103C	X.S0004-E v9.0 (parts -000 v9.0 and -550 v3.0) for 15-Day SC Review and Publication and Draft Corr to TR-45.8 re Publication	Editor	8b	Approved for 15-Day SC Review and Publication,; Correspondence to TR-45.8 Approved for Transmission by the Secretary

#### 4. Agenda Review and Approval

- X00-20090720-001R4 *Seoul July Meeting Agenda* was approved as modified.

#### 5. Review Previous Meeting Summary

- Document X00-20090720-002 *Newport Beach June 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:

- X00-20090720-004
- X00-20090720-014 through -026, -029, -030

- **X00-20090720-032 through -034**

The following correspondence was approved for transmission following Opening Plenary:

- **X00-20090720-034R3** Draft correspondence to all TSGs regarding Femto NAM discussions was approved as modified for transmission by the Secretary.

Please refer to Section 3 for Actions/Decisions.

## 7. Liaison Reports

Steering Committee: None.

TSG-A: None.

TSG-C: **X00-20090720-011** The TSG-C Liaison Report from June 2009 was presented For Information.

TSG-S: **X00-20090720-012** The TSG-S Liaison Report from June 2009 was presented For Information.

SDO: None.

IETF: None.

UIM ID Administrator: None.

MEID Administrator: **X00-20090720-013** MEID Administration Report through June 30, 2009 was presented For Information.

ESN Administrator: None.

Other: None.

## 8. Working Group Status

**8a. ERA: X00-20090720-007** The ERA Agenda was presented For Information.

**8b. MMD: X00-20090720-008** The MMD Agenda was presented For Information. In addition, **X00-20090615-103C X.S0004-E v9.0** (parts -000 v9.0 and -550 v3.0) MAP Text was approved for 15-Day Steering Committee Review and Publication. Related draft correspondence to TR-45.8 regarding the approval of these documents was approved for transmission by the Secretary.

**8c. PDS: X00-20090720-009R1** The PDS Agenda was presented For Information.

## 9. Old Business

**9a. X00-20090720-005** 2009-2010 Meeting Schedule was presented For Information.

**9b. X00-20090720-006** Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

**9c. X00-20090720-003** the TSG-X Workplan and Workplan Archive were approved and remanded to ERA, MMD and PDS WGs for further review and updates. **X00-20090720-010** Workplan Questions from TSG-S PMT were remanded to ERA, MMD and PDS for review and response.

## 10. New Business

**10a. TSG-X Vice Chair Election – ARIB/TTC: X00-20090720-027** NEC correspondence announcing the resignation of Toru Owai as the TTC/ARIB Vice Chair to TSG-X was reluctantly approved. **X00-20090720-031 and -031A** NEC correspondence and support letter regarding Mr. Hirofumi Okata as the replacement Vice Chair representing ARIB/TTC was approved without objection. The Chair thanked Owai-san on behalf of all TSG-X participants for his service and friendship over the years to TSG-X, and also extended a special welcome to Okata-san as the incoming Vice Chair for the remainder of the 2009-2010 term.

**10b. Correspondence Templates: X00-20090720-028** Updated correspondence templates to reflect changes to the TSG-A Chair and Secretariat were approved. The Secretary has posted the updated correspondence templates on the local server and ftp site for TSG-X use going forward.

## 11. Recess

Opening Plenary was recessed at 10:25am local time until Closing Plenary on Friday, July 24, 2009.

## **CLOSING PLENARY**

### **12. Reconvene**

Closing Plenary convened at 8:05am local time on Friday, July 24, 2009. Huawei and Starent Networks were added to the quorum call at this time.

### **13. Liaison Reports**

Femto Ad Hoc Group: X00-20090720-111R1 The Femto Ad Hoc Group Chair provided a summary report on its July 21, 2009 meeting For Information.

### **14. Working Group Status**

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

#### **14a. PMT:**

Verbal Report. **X00-20090720-104B** PDS workplan updates on X.P0011-E, X.P0057, and X.P0059 were approved. In addition, MMD WG had an open item in the Workplan Questions provided at Opening Plenary that will require their response at the August TSG-X meeting.

#### **14b. ERA:**

- **X00-20090720-102** ERA Report was approved.
- **X00-20090720-102A** Draft correspondence to TSG-S regarding a new work item was approved for transmission by the Secretary along with its attachment.
- **X00-20090720-102B** Draft correspondence to TSG-S regarding review items was approved for transmission by the Secretary along with its attachment.

#### **14c. MMD:**

- **X00-20090720-103** The MMD Report was approved.

#### **14d. PDS:**

- **X00-20090720-104A** The PDS report was approved. In addition, X.P0011-E cdma2000 Packet Data Network text was approved for R&F, with comments due at the August TSG-X meeting. X.P0057-0 v2.0 eHRPD-eUTRAN Interworking text was approved for R&F, with comments due at the August TSG-X meeting. X.P0059-0 v1.0 parts -000 and -100 Femto Network Overview was approved for R&F, with comments due at the September TSG-X meeting.
- **X00-20090720-104B** See Agenda Item 14a.
- **X00-20090720-104C** a new project number (X.P0062) was assigned for work on PCC interaction for cdma2000 1x and HRPD.
- **X00-20090720-104DR1** and **104E** Draft correspondence to CDG on the Work Item Survey was approved as modified for transmission by the Secretary along with its attachment.
- **X00-20090720-104FR1** Draft correspondence to TSG-S regarding EAP and MIPv4 Key was approved for transmission by the Secretary
- **X00-20090720-104X** The updated 3GPP2 Assigned Numbers table was approved, and the Secretary will post the updates on the 3GPP2 Website, accordingly.

### **15. Correspondence (continued)**

- **X00-20090720-105** Draft correspondence to Tata regarding EIR, ESN, and MEID was approved for transmission by the Secretary.
- **X00-20090720-106, -106A, and -106B** Correspondence from TSG-S to TR-45.8 regarding S.R0108-0 V&V was presented For Information.
- **X00-20090720-107** Correspondence from TSG-S regarding the response to the India questionnaire from Tata was presented For Information.
- **X00-20090720-108** Correspondence from TSG-S regarding Joint Femto Sessions was presented For Information.
- **X00-20090720-109** Correspondence from TSG-S to TSG-X regarding Femto Ad Hoc Group Parameter Format descriptions for TSGs was remanded to the Femto Ad Hoc Group.
- **X00-20090720-110** Correspondence from GSM North America to ITU-T SG2 regarding Land Mobile Broadcast Issues was presented For Information.

**16. Old Business:**

None.

**17. Assignments**

- **X00-20090720-006R1** 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**

- The Chair thanked TSG-X members again for their participation in the farewell to Owai-san, and thanked Owai-san again for his many contributions to TSG-X.

**19. Schedule of Meetings**

- **X00-20090720-101** *August 2009 TSG-X Meeting Agenda* was approved as modified.

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

August 17-21, 2009

Westin Harbour Castle Hotel

1 Harbour Square

Toronto, OT M5J 1A6 CANADA

Phone: +1 416 869 1600

Cutoff Date: July 27, 2009

Room Rate: \$179 + 13% CDN

**20. Adjourn**

TSG-X Closing Plenary adjourned at 9:14am local time.