TSG-X Plenary Meeting Report
October 15 – October 18, 2012
Sapporo, Japan

Chair: Marvin Bienn, Tel: +1-972-583-2752, email: marvin.bienn@ericsson.com

Vice-Chairs: Rajesh Bhalla, Tel: +1-630-452-1420, email: rabhalla@zteusa.com
                             Hirofumi Okata, Tel: +81-3-3798-6059, email: h-okata@cq.jp.nec.com

Secretary: Eileen McGrath Doohan, Tel: +1.424.216.4106, email: Eileen.m.mcgrath@mac.com

Meeting Location: Sheraton Sapporo Hotel
                             5-5-25 Atsubetsuchuo 2J0, Atsubetsu-Ku
                             Sapporo, Hokkaido 0040052 Japan

OPENING PLENARY

1. Call to Order & Opening Remarks

The TSG-X Opening Plenary in Sapporo, Japan, started at 09:02 am local time on Monday, October 15, 2012.

2. Attendance Registration and Roll Call

The TSG-X chair conducted a roll call of the member companies. At the Opening Plenary quorum was established with 08 of the 12 Quorum members present. The companies that were present during one or more of the plenary sessions are:

Company	Present (June 2012)	Present (August 2012)	Present (October 2012)
Alcatel-Lucent	Present(O)	Present (O)	Present(O)
Applied Communications Science		Present(O)	Present(O)
China Telecom	Present(O)	Present(O)	
Ericsson	Present(O)	Present (O)	Present(O)
Hitachi		Present (C)	Present(C)
Huawei Technologies	Present(O)	Present(O)	Present(O)
KDDI Corporation	Present(O)		
NEC Corporation	Present(O)	Present(O)	Present(O)
NCS			
Nokia Siemens Networks	Present(O)	Present(O)	Present(O)
Qualcomm, Inc.	Present(O)	Present(O)	Present(O)
RITT	Present(O)	Present(O)	
Sprint	Present(O)	Present(O)	Present(O)
TCS	Present(O)		
US Cellular			Present(O)
ZTE Corporation	Present(O)	Present(O)	Present(O)

Note: Companies in **bold** were quorum members as of this meeting. Present(O) means the member company established attendance at the Opening Plenary. Present(I) means the member company established attendance at an Interim Plenary. Present(C) means the member company established attendance at the Closing Plenary. As per articles 25a & 25b of the "Working Procedures Document", version 12, a member is added to the next meeting's quorum list after attendance of two consecutive meetings. A company missing three consecutive meetings will be dropped from that group's quorum list. Voting rights are established upon attendance at the 2nd consecutive meeting. Individual members that miss three consecutive meetings of the TSG are dropped form the TSG voting list at the close of the 3rd meeting.

3. Introduction and Numbering of Contributions

The following documents were numbered and assigned to the agenda:

Document #(20121015-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
OPENING PLENARY (15 October 2012)				
001R3	TSG-X September 2012 Meeting Agenda and Schedule	Chair	4	Approved.
002	TSG-X August 2012 Meeting Summary (Seattle)	Chair	5	Approved. TSG-X Secretary to Post on 3GPP2 Website
003	TSG-X Work Plan	3GPP2 PMT Coordinator	9c	Approved. Remanded to ERA, MMD, PDS.
003a	TSG-X Work Plan Archive	3GPP2 PMT Coordinator	9c	Approved. Remanded to ERA, MMD, PDS.
004	TSG-X Outgoing Correspondence (Seattle)	TSG-X Secretary	4	For Information.
005	2012 3GPP2 Meeting Schedule	TSG-X Secretary	9a	For Information.
006R3	TSG-X Action Item List	Vice Chair	9b	Approved at the closing plenary.
007	ERA Agenda	Chair, WG1	8a	For Information.
008	MMD Agenda	Chair, WG3	8b	For Information.
009	PDS Agenda	Chair, WG5	8c	For Information.
010	TSG-X PMT Workplan Documents	3GPP2 PMT Manager	9c	Remanded to MMD and PDS.
011	TSG-C Correspondence to TSG-S re 3GPP2 WI Review(C120809-01)	TSG-C	6	For Information.
012	TSG-C Correspondence to TSG-X re 3-digit MNC(C120809-02)	TSG-C	6	For Information.
013	TSG-C Correspondence to SC Workshop AdHoc re Workshop Summary Review(C120809-03)	TSG-C	6	For Information.
014	TSG-C correspondence to TR45.5 re Legal Comments on CS0014-E(C120809-04)	TSG-C	6	For Information.
015	TSG-C Correspondence to TSG-X re Review on ATIS P0037 SMS to 911(C120809-05)	TSG-C	6	For Information.
016	3GPP CT6 LS on Enhancements to the security of the SMS OTA download mechanisms (C6-120448)	3GPP CT6	6	Remanded to MMD.
016A	3GPP C6-120449	3GPP CT6	6	Remanded to MMD.
016B	3GPP C6-120450	3GPP CT6	6	Remanded to MMD.
016C	3GPP C6-120451	3GPP CT6	6	Remanded to MMD.
017	TSG-C Liaison Report 201208-Seattle	TSG-C	7	For Information.
018	Liaison 3GPP CT4 to TSG-A (C4-121775)	3GPP CT4	6	For Information.
018A	3GPP C4-121730	3GPP CT4	6	For Information.
019	ITU-T Correspondence to TSG-X (Com11-LS091-E)	ITU-T	6	Remanded to MMD and PDS.
019A	Draft revised Supplement TRQ.ETS-overview (Supp.62) to ITU-T Q series Recommendations	ITU-T	6	Remanded to MMD and PDS.
020	BBF Correspondence re New Services Innovation and Market Requirements Working Group	BBF	6	For Information.
021	Letter to participants of cdma2000 Technology Workshop in Guangzhou	SC Secretary	6	For Information.

Document #(20121015 -xxx)	Title	Source	Agenda Item	Plenary Action/Decision
021A	Summary of cdma2000 Technology Workshop 20120614	SC Secretary	6	For Information.
022	TSG-S correspondence to TSGs re TSG-WI Review-20120911(S120912-01)	TSG-S	6	Remanded to ERA.
022A	3GPP2-00316 Codec MPS Correction(S120912-01A)	TSG-S	6	Remanded to ERA.
022B	3GPP2-00317 CVDPP(S120912-01B)	TSG-S	6	Remanded to ERA.
022C	PMT WI Tracking List-120911(S120912-01C)	TSG-S	6	Remanded to ERA.
023	TR-45.8 Correspondence to TSG-X re Action Required on MMD standards included in Common IMS	TR45.8	6	Remanded to MMD.
024	ITU-T liaison to TR45.8 (COM11-LS090-E)	ITU-T	6	Remanded to MMD and PDS.
025	SC Approved Work Items	Chair	6	For Information.
026	X.S0061-A v1.0 Publication Announcement	Chair	6	For Information.
027R1	LS to TR45.8 - New Project Request for X.P0068 v1.0 (Network Enhancements for Machine to Machine)	Chair	6	Approved for transmission by the TSG-X Secretary on October 15.
028	Draft TSG-X report to SC	Chair	10	For Information.
029	Team Building Invitation	ARIB, TTC	10	For Information.
030R1	DASH-3GPP2	Qualcomm	10	For Information.
INTERIM PLENARY (15 October 2012)				
031	TSG-X Correspondence to TSG-S on WI Review	ERA Chair	12a	Approved for transmission by the TSG-X Secretary on October 15.
CLOSING PLENARY (18 October 2012)				
101	TSG-X December 2012 Meeting Agenda and Schedule	Chair	19	Approved for posting to the 3GPP2 web site.
102	ERA Report	ERA Chair	15a	Approved.
103	MMD Report	MMD Chair	15b	Approved.
103a	X.S0008-A v0.02 R&F	MMD Chair	15b	Approved for R&F.
103b	LS to TR45.8 re Common IMS	MMD Chair	15b	The correspondence was closed and no action was taken.
103c	TSG-X correspondence on withdraw of X.S0013 specifications	MMD Chair	15b	The correspondence was closed and no action was taken.
104AR0	TSG-X PDS Report	PDS Chair	15c	Approved.
104BR1	TSG-X Workplan	PDS Chair	15c	Approved for transmission by the TSG-X Secretary on October 18 to 3GPP2 workplan manager.
104CR0	LS to TR45.8 - X.S0057-A v2.0 Publication Request	PDS Chair	15c	Approved for transmission by the TSG-X Secretary on October 18.
104DR0	LS to TR45.8 - X.S0057-B v1.0 Publication Request	PDS Chair	15c	Approved for transmission by the TSG-X Secretary on October 18.
105	TSG-X correspondence to PMT Coordinator on TSG-X workplan questions	Chair	16	Approved for transmission by the TSG-X Secretary on October 18.
106	TSG-A correspondence to TSG-S on WIs Stage 1s (A-01)	TSG-A	16	For Information.
106A	TSG-A Release Features(A-01A)	TSG-A	16	For Information.
106B	TSG-A Work Timeline(A-01B)	TSG-A	16	For Information.

4. Agenda Review and Approval

- **X00-20121015-001R1:** *TSG-X October 2012 Meeting Agenda and Schedule* was approved.

5. Review Previous Meeting Summary

- Document **X00-20121015-002:** *TSG-X August Meeting Summary (Seattle)* 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:

- **X00-20121015-004:** The *TSG-X Outgoing Correspondences from Seattle* was presented For Information.
- **X00-20121015-011:** *TSG-C Correspondence to TSG-S re 3GPP2 WI Review(C120809-01),* was presented For Information.
- **X00-20121015-012:** *TSG-C Correspondence to TSG-X re 3-digit MNC(C120809-02),* was presented For Information.
- **X00-20121015-013:** *TSG-C Correspondence to SC Workshop AdHoc re Workshop Summary Review(C120809-03),* was presented For Information.
- **X00-20121015-014:** *TSG-C correspondence to TR45.5 re Legal Comments on CS0014-E(C120809-04),* was presented For Information.
- **X00-20121015-015:** *TSG-C Correspondence to TSG-X re Review on ATIS P0037 SMS to 911(C120809-05),* was presented For Information.
- **X00-20121015-016:** *3GPP CT6 LS on Enhancements to the security of the SMS OTA download mechanisms (C6-120448),* was remanded to MMD.
- **X00-20121015-016A:** *3GPP C6-120449* was remanded to MMD.
- **X00-20121015-016B:** *3GPP C6-120450* was remanded to MMD.
- **X00-20121015-016C:** *3GPP C6-120451* was remanded to MMD.
- **X00-20121015-018:** *Liaison 3GPP CT4 to TSG-A (C4-121775),* was presented For Information.
- **X00-20121015-018A:** *3GPP C4-121730* was presented For Information.
- **X00-20121015-019:** *ITU-T Correspondence to TSG-X (Com11-LS091-E)* was remanded to MMD and PDS.
- **X00-20121015-019A:** *Draft revised Supplement TRQ.ETS-overview (Supp.62) to ITU-T Q series Recommendations* was remanded to MMD and PDS.
- **X00-20121015-020:** *BBF Correspondence re New Services Innovation and Market Requirements Working Group* was presented For Information.
- **X00-20121015-021:** *Letter to participants of cdma2000 Technology Workshop in Guangzhou* was presented For Information.
- **X00-20121015-021A:** *Summary of cdma2000 Technology Workshop 20120614* was presented For Information.
- **X00-20121015-022:** *TSG-S correspondence to TSGs re TSG-WI Review-20120911(S120912-01)* was remanded to ERA.
- **X00-20121015-022A:** *3GPP2-00316 Codec MPS Correction (S120912-01A)* was remanded to ERA.
- **X00-20121015-022B:** *3GPP2-00317 CVDPP (S120912-01B)* was remanded to ERA.
- **X00-20121015-022C:** *PMT WI Tracking List-120911(S120912-01C)* was presented For ERA.
- **X00-20121015-023:** *TR-45.8 Correspondence to TSG-X re Action Required on MMD standards included in Common IMS* was remanded to MMD.
- **X00-20121015-024:** *ITU-T liaison to TR45.8 (COM11-LS090-E)* was remanded to MMD and PDS.
- **X00-20121015-025:** *SC Approved Work Items* was presented For Information.
- **X00-20121015-026:** *X.S0061-A v1.0 Publication Announcement* was presented For Information.
- **X00-20121015-027R1:** *LS to TR45.8 - New Project Request for X.P0068 v1.0 (Network Enhancements for Machine to Machine)* was approved for transmission by the TSG-X Secretary.

7. Liaison Reports

Steering Committee

- None.

TSG-A

- None

TSG-C

- **X00-20121015-017:** *TSG-C Liaison Report 201208-Seattle* was presented For Information.

TSG-S

- None
Other SDOs:
- None

IETF
- None.
UIM_ID Administrator:
- None.
MEID Administrator:
- None.
ESN Administrator:
- None.
Others:
- None.

8. **Working Group Status**
    8a. ERA:
    - **X00-20121015-007:** The *ERA Agenda* was presented For Information.
    8b. MMD:
    - **X00-20121015-008:** The *MMD Agenda* was presented For Information.
    8c. PDS:
    - **X00-20121015-009:** The *PDS Agenda* was presented For Information.

9. **Old Business**
    9a. Meeting Schedule:
    - **X00-20121015-005:** *2012 3GPP2 Meeting Schedule* was presented For Information.
    9b. TSG-X Action Item List:
    - **X00-20121015-006:** *TSG-X Action Item List* was remanded to the MMD and PDS.
    9c. TSG-X Workplan:
    - **X00-20121015-003:** *TSG-X Workplan* was approved and remanded to the ERA, MMD and PDS for further review and updates.
    - **X00-20121015-010:** *TSG-X PMT Workplan Document* was remanded to the MMD and PDS for further review and updates.
10. **New Business**
    - **X00-20121015-028:** *Draft TSG-X report to SC* was presented For Information.
    - **X00-20121015-029:** *Team Building Invitation* was presented For Information.
    - **X00-20121015-030R1:** *DASH-3GPP2* was presented For Information.
    - There was a motion by Sprint to move the TSG-X Closing Plenary to Thursday afternoon. Several companies second the motion. There were no objections and the closing plenary was change to 04:30PM Thursday, 18 October.
11. **Recess**
    - The TSG-X Opening Plenary was recessed at 11:28 am local time on Monday October 15, 2012.

INTERIM PLENARY

12. **Reconvene**

An Interim TSG-X Plenary was convened at 12:07 pm local time on Monday, October 15, 2012 to approve an outgoing TSG-X correspondence.

- **X00-20121015-031:** *TSG-X Correspondence to TSG-S on WI Review*. TSG-X reviewed and had no comments for work items 3GPP2-00315. The correspondence was approved for transmission by the TSG-X Secretary.
13. **Recess**
    - The TSG-X Interim Plenary was recessed at 12:09 pm local time on Monday October 15, 2012. The Interim Plenary was recessed until the Closing Plenary on Thursday, October 18, 2012.

CLOSING PLENARY

14. **Reconvene**
   - The closing plenary was reconvened at 04:30 PM local time on Thursday, October 18, 2012.
   - Hitachi was added to the quorum list at the closing plenary,
   - **X00-20121015-001R3:** *TSG-X October 2012 Meeting Agenda and Schedule* was approved as modified.

15. **Liaison Reports**
   - None

16. **Working Group Status**

The following items were discussed in each of the Working Group Status Reports:

   16a. **ERA Working Group:**
      - **X00-20121015-102:** *ERA Report* was approved.
      a. **ERA actions for the plenary:**
         - None.
   16b. **MMD Working Group:**
      - **X00-20121015-103:** *MMD Report* was approved.
      a. **MMD recommendations:**
         i. **X.P0008-A v1.0, MAP Support for the Mobile Equipment Identity (MEID).**. Recommended for R&F. The R&F version of the document is provided as X00-20121015-103a and at:

            ftp://ftp.3gpp2.org/TSGX/Projects/X.P0008%20MAP%20Support%20for%20the%20Mobile%20Equipment%20Identity%20(MEID)/X.P0008-A%20v1.0/R%26F/

            The recommendation for R&F was approved unanimously. R&F comments are due by 10 December 2012.
         ii. **X.S0013 Specifications**. Recommendation to the SC to withdrawal all versions and revisions of X.S0013. It was noted that X.S0042 and X.S0048 presently reference X.S0013. The recommendation for withdrawal was postponed to the December meeting.
      b. **MMD actions for the plenary:**
         i. **X00-20121015-103b:** *LS to TR45.8 re Common IMS.* The correspondence notifies TR45.8 that TSG-X is recommending the withdrawal of all versions and revisions of X.S0013. TSG-X is recommending that TR-45.8 also withdraw the equivalent TIA standards when appropriate. The correspondence was closed and no action was taken**.**
         ii. **X00-20121015-103c:** *TSG-X correspondence to SC Secretariat.* The correspondence recommends the withdrawal of all versions and revisions of X.S0013. The correspondence was closed and no action was taken.
   16c. **PDS Working Group:**
      - **X00-20121015-104AR0:** *PDS Report* was approved.
      a. **PDS recommendations:**
         i. **X.P0057-A v2.0, E-UTRAN-eHRPD Interworking.** Recommended for SC publication. The publication version of the document and the TIA/V&V comment resolution document are provided at:

            ftp://ftp.3gpp2.org/TSGX/Projects/X.P0057%20LTE-eHRPD%20Interworking%20-%20Network%20Aspects/Revision%20A%20v2.0/Pre-Publication/

            The recommendation for SC publication was approved unanimously. The TSG-X secretary will notify the 3GPP2 SC Secretariat that X.P0057-A v2.0 (E-UTRAN-eHRPD Interworking) has been approved by TSG-X for SC publication.
         ii. **X.P0058-B v1.0, E-UTRAN-eHRPD Interworking.** Recommended for SC publication. The publication version of the document and the TIA/V&V comment resolution document are provided at:

            ftp://ftp.3gpp2.org/TSGX/Projects/X.P0057%20LTE-eHRPD%20Interworking%20-%20Network%20Aspects/Revision%20B%20v1.0/Pre-Publication/

       The recommendation for SC publication was approved unanimously. The TSG-X secretary will notify the 3GPP2 SC Secretariat that X.P0058-B v1.0 (E-UTRAN-eHRPD Interworking) has been approved by TSG-X for SC publication.

b. PDS actions for the plenary:

    i. **X00-20121015-104BR1:** *PDS Workplan 2012-08*, contains workplan updates for the MMD and the PDS work projects. The updates were approved for transmission by the TSG-X Secretary on October 18 to the 3GPP2 workplan manager.

    ii. **X00-20121015-104CR0:** *LS to TR45.8 Re: V&V Completion of X.S0057-A v2.0.* The correspondence informs TR45.8 that the V&V process for X.S0057-A v2.0 has completed. The correspondence also recommends X.P0057-A v2.0 for TIA publication. The correspondence was approved for transmittal by the TSG-X secretary.

    iii. **X00-20121015-104DR0:** *LS to TR45.8 Re: V&V Completion of X.S0057-B v1.0.* The correspondence informs TR45.8 that the V&V process for X.S0057-B v1.0 has completed. The correspondence also recommends X.P0057-B v1.0 for TIA publication. The correspondence was approved for transmittal by the TSG-X secretary.

c. Interim PDS Conference Calls:

    i. **X.P0062A and X.P0068** – 1 conference call was approved.
- November 8, 2012, 08:00PM -10:00PM US Eastern Standard Time.

17. Correspondence (continued)

- **X00-20121015-105:** *TSG-X correspondence to PMT Coordinator on TSG-X workplan questions*. The correspondence contains TSG-X responds to the workplan questions within X00-20121015-010. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20121015-106:** *TSG-A correspondence to TSG-S on WIs Stage 1s (A-01)* was presented For Information.
- **X00-20121015-106A:** *TSG-A Release Features(A-01A)* was presented For Information.
- **X00-20121015-106B:** *TSG-A Work Timeline(A-01B)* was presented for Information.

18. Old Business

- None

19. Assignments/TSG-X Action Item List

- **X00-20121015-006R3:** *TSG-X Action Item List* was updated and approved.

20. Open Discussion

- Announcement of TSG-SX elections Thursday 13 December 08:30AM.
- Announcement of TSG-CA elections Thursday 13 December 10:30AM.

21. Schedule of meetings

- **X00-20121015-101:** The *TSG-X December 2012 Meeting Agenda and Schedule* was approved.

    The December 2012 TSG-X meeting details are:

Dates:	December 10-14, 2012
Location:	Hyatt Regency Maui
	200 Nohea Kai Drive,
	Lahaina, Hawaii, USA 96761-1985
	Tel: +1.808.661.1234
Room Rate:	$199 USD Single/Double, $224 USD Triple, $249 USD Quad
Cutoff:	November 16, 2012

22. Adjourn

- The TSG-X Closing Plenary adjourned at 05:20 PM local time on Thursday, October 18, 2012.

TSG-X Outgoing Correspondence from the October 2012 meeting:

Document #(20121015-xxx)	Description	Copy-to	Status	Transmittal #
X00-20121015-027R1	Correspondence to TR-45.8 dated October 15, 2012 re: New Project Request for X.P0068 v1.0 (Network Enhancements for Machine to Machine)	Secretariat, SC Chair	Transmitted on October 15, 2012	X-01R1
X00-20121015-31	Correspondence to TSG-S dated October 15, 2012 re: Review Comments	Secretariat, SC Chair, TSG-A, TSG-C	Transmitted on October 15, 2012	X-02
X00-20121015-103C	Correspondence to TR-45.8 dated October 18, 2012 re: V&V Completion of X.S0057-A v2.0	Secretariat, SC Chair	Transmitted on October 18, 2012	X-03
X00-20121015-103D	Correspondence to TR-45.8 dated October 18, 2012 re: V&V Completion of X.S0057-B v1.0	Secretariat, SC Chair	Transmitted on October 18, 2012	X-04