

**TSG-X Plenary Meeting Report
December 05 – December 09, 2011
Kohala Coast, Hawaii, Hawaii, United States**

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Meeting Location: Fairmont Orchid
1 North Kaniku Drive
Kohala Coast, Hawaii, Hawaii, United States 96743

OPENING PLENARY

1. Call to Order & Opening Remarks

The TSG-X Opening Plenary in Kohala Coast, Hawaii, Hawaii began at 09:05 am local time on Monday, December 05, 2011.

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 13 of the 14 Quorum members present. The companies that were present during one or more of the plenary sessions are:

Company	Present (July 2011)	Present (Sept 2011)	Present (Dec 2011)
Alcatel-Lucent	Present	Present	Present
Bridgewater Systems Corporation	Present	Present	Present
China Telecom	Present	Present	Present
Cisco Systems			Present
Ericsson	Present	Present	Present
Hitachi	Present	Present	Present
Huawei Technologies	Present	Present	Present
KDDI Corporation	Present	Present	Present
NEC Corporation		Present	Present
NCS			Present
Nokia Siemens Networks	Present	Present	Present
Qualcomm, Inc.	Present	Present	Present
RITT		Present	
Sprint		Present	Present
Telcordia		Present	Present
US Cellular		Present	
ZTE Corporation	Present	Present	Present

Note: Companies in **bold** were quorum members as of this meeting. 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 from 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 # (20111205-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
OPENING PLENARY (05 December 2011)				
001	TSG-X September Meeting Agenda and Schedule	Chair	4	Approved
002	TSG-X July Meeting Summary (Ottawa)	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
004	TSG-X Outgoing Correspondences from Chengdu	TSG-X Secretary	4	For Information
005	2010 – 2011 Meeting Schedule	TSG-X Secretary	9a	For Information
006	TSG-X Action Item List	Vice Chair	9b	Remanded to MMD WG and PDS WG. Approved
007	ERA Agenda	Chair, ERA	8a	For Information
008	MMD Agenda	Chair, MMD	8b	For Information
009	PDS Agenda	Chair, WG5	8c	For Information
010	TSG-X PMT Workplan Document	3GPP2 PMT Manager	9c	Remanded to MMD and PDS.
011	TSG-C Correspondence to TSG-S dated 30 September 2011 re: TSG-C review of 3GPP2 Work Items	TSG-C	6	For Information
012	TSG-C Correspondence to 3GPP2 Secretariat dated 30 September 2011 re: Work Plan Questions TSG-C	TSG-C	6	For Information
013	TSG-C Correspondence to ETSI SCP Chair dated 30 September 2011 re: MEID TLV specification in ETSI TS 102 223	TSG-C	6	For Information
013A	Recommended changes for ETSI TS 102 223 v1.1.0, Section 8.81	TSG-C	6	For Information
014	TSG-S Correspondence to Femto Forum dated 29 September 2011 re: Joint 3GPP2/Femto Forum Promotion of 3GPP2 S.R0139-0 Femtocell systems Overview for cdma2000 wireless Communication Systems	TSG-S	6	For Information
015	TSG-S Correspondence to CDG dated 29 September 2011 re: Promotion of 3GPP2 S.R0139-0 Femtocell Systems Overview for cdma2000 Wireless Communication Systems	TSG-S	6	For Information
016	TSG-S Correspondence to TIA TR-45.8 dated 29 September 2011 re: V&V Comment Resolution and Publication of S.R0140-0 v2.0 GREEN Study	TSG-S	6	For Information
016A	S.R0140-0 v2.0 GREEN Study	TSG-S	6	For Information
016B	S.R0140-0 v2.0 GREEN Study, V&V Comments Disposition Record	TSG-S	6	For Information
017	TSG-S Correspondence to TR-45.8 dated 29 September 2011 re: S.R0149-0 v1.0 USSD SRD for publication	TSG-S	6	For Information
017A	S.R0147-0 v1.0 USSD SRD	TSG-S	6	For Information
017B	S.R0147-0 v1.0 USSD SRD, V&V Comments Disposition Record	TSG-S	6	For Information

Document # (20111205-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
018	TSG-S Correspondence to TR-45.8 dated 29 September 2011 re: S.P0135-A v0.4 Femto NAM for V&V	TSG-S	6	For Information
018A	V&V Version of S.P0135-A v0.4	TSG-S	6	For Information
019	TSG-S Correspondence dated 29 September 2011 re: Release of WI(s) for TSG Review	TSG-S	6	Remanded to ERA
019A	Work Item 3GPP2-00299 SON	TSG-S	6	Remanded to ERA
019B	3GPP2 Work Item Tracking Sheet 20110929	TSG-S	6	Remanded to ERA
020	TSG-S Correspondence to TSGs re: Vision Ad Hoc	TSG-S	6	For Information
020A	UMTS-HSPA IWK Support proposal by Huawei for SC.R5003-0v3.0	Huawei	6	For Information
020B	SC.R5003-0 v2.0 3GPP2 Vision	TSG-S	6	For Information
021	TSG-A correspondence to Metro Ethernet Forum on MEF22.x draft	TSG-A	6	For Information
022	3GPP CT1 Correspondence - making use of SDP Capability Negotiation optional when offering AVPF for video	3GPP CT1	6	Remanded to MMD and PDS
022a	3GPP C1-115241	3GPP CT1	6	Remanded to MMD and PDS
022b	3GPP C1-115243	3GPP CT1	6	Remanded to MMD and PDS
022c	3GPP C1-115247	3GPP CT1	6	Remanded to MMD and PDS
023	Sprint X.P0059-000-A V&V Comments	Sprint	6	Remanded to PDS and MMD
023A	Sprint X.P0059-100-A V&V Comments	Sprint	6	Remanded to PDS
023B	Sprint X.P0059-200-A V&V Comments	Sprint	6	Remanded to MMD
024	M2M Numbering Adhoc Correspondence to TSGs re: SC.R4005-0 v1.0 cdma2000 M2M Numbering Recommendations SRD for Publication	3GPP2 M2M Numbering Ad hoc	6	For Information
024A	SC.R4005-0 v1.0	3GPP2 M2M Numbering Ad hoc	6	For Information
024B	SC.R4005-0 v1.0 V&V Comment disposition	3GPP2 M2M Numbering Ad hoc	6	For Information
024C	SC.R4005-0 v1.0 Marked-up version of V&V comments resolution text	3GPP2 M2M Numbering Ad hoc	6	For Information
025	TSG-S Correspondence dated 11 November 2011 re: Release of WIs for TSG Review	TSG-S	6	Remanded to ERA
025A	Work Item 3GPP2-00300: Multimedia Services Evaluation Document Point Release to address TIA comments	Qualcomm Inc, Kyocera, Alcatel-Lucent, Huawei	6	Remanded to ERA
025B	Work Item 3GPP2-00301: Revise Minimum Performance Specification for the future frequency assignment plan in Japan	KDDI, Hitachi, Qualcomm, Inc	6	Remanded to ERA
025C	Work Item 3GPP2-00302: Adding Single Receive Antenna Fading Channel Tests for Femto Cell Base Station and AN MPS	Agilent, ALU, Qualcomm	6	Remanded to ERA

Document # (20111205-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
025D	PMT Work Item Tracking List 111109	Chair, TSG-S PMT	6	Remanded to ERA
026	ITU-T SG11 Correspondence LS-00069: Request for feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendations	ITU-T SG11	6	Added to the TSG-X Action list. Remanded to MMD and PDS.
026A	Draft revision of Supplement 62 to ITU-T Q series Recommendations	ITU-T SG11	6	Added to the TSG-X Action list. Remanded to MMD and PDS.
027	ITU-T SG12 Correspondence LS-00133: Liaison on revision of Recommendation ITU-T P.501 including fullband speech signals	ITU-T SG12	6	For Information
028	ITU-T SG12 Correspondence LS-0143: Liaison on Appendix III to P.863 – Prediction of acoustically recorded narrowband speech	ITU-T SG12	6	For Information
029	TSG-C Liaison Report for Chengdu Meeting	Secretary, TSG-C	7	For Information
029A	TSG-C Document Log for Chengdu Meeting	Secretary, TSG-C	7	For Information
030	TSG-S Liaison Report from Chengdu meeting	Secretary, TSG-S	7	For Information
031	TSG-S Doc Status from Chengdu meeting	TSG-S	7	For Information
032	3GPP2 Secretariat Email dated 4 November 2011 re: 3GPP2 Publishes SC.R4005-0 v1.0	3GPP2 Secretariat	6	For Information
032A	3GPP SC Correspondence to MRPs, SDOs and industry participants dated 15 October 2011 re: 3GPP2 SC.R4005-0 v1.0 cdma2000 M2M Numbering Recommendations System Requirements Document	3GPP2 Secretariat	6	For Information
032B	SC.R4005-0 v1.0, cdma2000 M2M Numbering Recommendations System Requirements Document	3GPP2 Secretariat	6	For Information
033	TSG-C Liaison Report for Interim Plenary Conference Call dated 31 October 2011	Secretary, TSG-C	7	For Information
034	ITU-T SG13 Correspondence LS-0174: Request for information on Recommendation Q.1742.10	ITU-T SG13	6	Remanded to MMD. Added to TSG-X Action list.
035	Femto Forum Correspondence to TSG-S re: Joint 3GPP2/Femto Forum Promotion of 3GPP2 S.R0139-0 FemtoCell Systems Overview for cdma2000 Wireless Communication Systems	VP, Femto Forum	6	For Information
036	TR45.8 Correspondence dated November 28, 2011 re: Comments from Ballot for TIA-PN-4952/X.P0066-0 v1.0	Chair, TIA TR045.8	6	Remanded to PDS.
036A	Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0	ALU	6	Remanded to PDS.
036B	Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0	NSN	6	Remanded to PDS.
036C	Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0	ZTE	6	Remanded to PDS.
037	MEID Administration report April 30 2011	TIA-MEID Admin	7	For Information
038	MEID Administration report May 31 2011	TIA-MEID Admin	7	For Information
39	ZTE X.P0066 V&V comments	ZTE	6	Remanded to PDS
40	Hitachi X.P0066 V&V Comments	Hitachi	6	Remanded to PDS
41	X.P0066-0 3GPP2 Secretariat Ballot Comments	3GPP2 Secretariat	6	Remanded to PDS
42	Meeting Summary, FMOAHG Conference Call, 2011.11.15	Qualcomm	7	For Information

Document # (20111205-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
43	X.P0063 Pre-Pub	FMOAH G Chair	7	Remanded to PDS and MMD for review
44	Work Item Request – Multiple HA LMA Assignment for X.S0061	CT,ZTE, HW,BW	10a	Remanded to ERA
CLOSING PLENARY (09 December 2011)				
101	TSG-X December Meeting Agenda and Schedule	Chair	19	Approved for posting to the 3GPP2 web site.
102	ERA Meeting Report	Chair, ERA	14a	Approved
102A	TSG-X Correspondence to TSG-S Re: Review comments	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary
102BR1	TSG-X Correspondence to TSG-S Re: Review comments –New TSG-X Work Item: Multiple HA/LMA Support for Network PMIP	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary
102B1	Multiple HA/LMA Support for Network PMIP	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary
102C	TSG-X Correspondence to TSG-S Re: 3GPP2 Vision AdHoc	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary
103	MMD Report	MMD Chair	14b	Approved.
103a	X.S0065-0 v1.0 USSD RnF documents	MMD Chair	14b	Approved
103bR1	Folder – X.S0059 publication documents and comment resolution files	MMD Chair	14b	Approved
103c	Folder – X.P0008-0 v4.0 V&V documents	MMD Chair	14b	Approved.
103d	TSG-X correspondence to TR45.8- Re: X.P0008-0 v4.0 MEID VnV	MMD Chair	14b	Approved. Approved for transmission by the TSG-X Secretary
103e	TSG-X correspondence to TR45.8- Re: X.P0059-A v1.0 Publication	MMD Chair	14b	Approved. Approved for transmission by the TSG-X Secretary
103f	TSG-X correspondence to 3GPP2 Secretariat on Work plan Questions	MMD Chair	14b	Approved. Approved for transmission by the TSG-X Secretary
103g	TSG-X correspondence to 3GPP CT1- Re: LS on making use of SDP Capability Negotiation optional when offering AVPF for video	MMD Chair	14b	Approved. Approved for transmission by the TSG-X Secretary
104AR1	TSG-X PDS Report	PDS Chair	14c	Approved
104BR2	TSG-X PDS Workplan	PDS Chair	14c	Approved. TSG-X secretary to send the Work Plan Secretary to update the TSG-X work plan for February.
104C	LS to TR45.8 X.S0066-0 publication	PDS Chair	14c	Approved for transmission by the TSG-X Secretary
104D	3GPP2 Assigned Numbers	PDS Chair	14c	TSG-X Secretary will forward the document to the SC Secretariat for posting to the 3GPP2 website
105A	Folder – X.S0063-0 v1.0 documents for SC approval	FMOAH G Chair	14d	Approved.
105B	TSG-X correspondence to TR45.8 - Re: X.R0063-0 v1.0 V&V completion.	FMOAH G Chair	14d	Approved for transmission by the TSG-X Secretary
106	SC Work Items Approved	3GPP2 Secretaria t	15	For Information

Document # (20111205-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
107	ITU-R Working Party 5A: Liaison Statement to External Organizations (PPDR) on the Preliminary Draft New Report ITU-R M.[LMS.PPDR.UHF CHANNELS]	ITU-R	15	Remanded to ERA and MMD. Added to TSG-X Action list.
108	ITU-R Working Party 5A: Liaison Statement to External Organizations – Invitation to Review the Working Document Towards the Revision of Report ITU-R M.2014-1 (Digital Land Mobile System For Dispatch Traffic)	ITU-R	15	Remanded to ERA and MMD. Added to TSG-X Action list.
109	ITU-R Working Party 5A: Liaison Statement To External Organizations On Wide-Area Sensor and/Or Actuator Network (WASN) Systems	ITU-R	15	For Information
110	TSG-S correspondence to all TSG – Re: TSG Review of S.P0148-0 v0.5 Dynamic RAN Power Management Stage 1	TSG-S	15	For Information
110A	S.P0148-0 v0.5 Dynamic Ran Power Management Stage 1	TSG-S	15	For Information
111	TSG-S notification for S.R0150-0 Self-Organizing Networks (SON) System Requirements Document	TSG-S	15	For Information
112	TSG-S correspondence to all TSG – Re: TSG-S WG1 Web Conference Schedule for the Year 2012	TSG-S	15	For Information
113	TSG-S correspondence to all TSG - Re: Gameplan for Updates to 3GPP2 Vision Document	TSG-S	15	For Information
113A	SC.P5003-A v0.1 3GPP2 Vision	TSG-S	15	For Information
114	TSG-S Draft Meeting Summary for 5-8 December 2011 in Kona, HI, USA	TSG-S	15	For Information
115	TSG-S Liaison Report for 5-8 December 2011 in Kona, HI, USA	TSG-S	15	For Information
115A	TSG-S PMT WI Tracking List (December 08 2011)	TSG-S	15	For Information

4. Agenda Review and Approval

- **X00-20111205-001:** TSG-X December 2011 Meeting Agenda and Schedule was approved.

5. Review Previous Meeting Summary

- Document **X00-20111205-002:** TSG-X September Meeting Summary (Chengdu) 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:

- **X00-20111205-004:** The TSG-X September Outgoing Correspondences, was presented For Information.
- **X00-20111205-011:** TSG-C Correspondence to TSG-S dated 30 September 2011 re: TSG-C review of 3GPP2 Work Items, was presented For Information.
- **X00-20111205-012:** TSG-C Correspondence to 3GPP2 Secretariat dated 30 September 2011 re: Work Plan Questions TSG-C, was presented For Information.
- **X00-20111205-013:** TSG-C Correspondence to ETSI SCP Chair dated 30 September 2011 re: MEID TLV specification in ETSI TS 102 223, makes note of an inconsistency in Section 8.81 of ETSI TS 102 223 related to the coding of MEID. Suggested changes are proposed in X00-20111205-013A. Presented For Information.
- **X00-20111205-013A:** Recommended changes for ETSI TS 102 223 v1.1.0, Section 8.81. Presented For Information.
- **X00-20111205-014:** TSG-S Correspondence to Femto Forum dated 29 September 2011 re: Joint 3GPP2/Femto Forum Promotion of 3GPP2 S.R0139-0 Femtocell systems Overview for cdma2000 wireless Communication Systems, was presented For Information.

- **X00-20111205-015:** TSG-S Correspondence to CDG dated 29 September 2011 re: Promotion of 3GPP2 S.R0139-0 Femtocell Systems Overview for cdma2000 Wireless Communication Systems, was presented For Information.
- **X00-20111205-016:** TSG-S Correspondence to TIA TR-45.8 dated 29 September 2011 re: V&V Comment Resolution and Publication of S.R0140-0 v2.0 GREEN Study, was presented For Information.
- **X00-20111205-016A:** S.R0140-0 v2.0 GREEN Study, was presented For Information.
- **X00-20111205-016B:** S.R0140-0 v2.0 GREEN Study, V&V Comments Disposition Record, was presented For Information.
- **X00-20111205-017:** TSG-S Correspondence to TR-45.8 dated 29 September 2011 re: S.R0149-0 v1.0 USSD SRD for publication, was presented For Information.
- **X00-20111205-017A:** S.R0147-0 v1.0 USSD SRD, was presented For Information.
- **X00-20111205-017B:** S.R0147-0 v1.0 USSD SRD, V&V Comments Disposition Record, was presented For Information.
- **X00-20111205-018:** TSG-S Correspondence to TR-45.8 dated 29 September 2011 re: S.P0135-A v0.4 Femto NAM for V&V. V&V comments are due 2 December, 2011. Comment resolution is scheduled to take place in the 3GPP2 super-meeting on 6 December 2011, 1:30-2:30pm (local time) at the joint Femtocell meeting hosted by TSG-X. Presented For Information.
- **X00-20111205-018A:** V&V Version of S.P0135-A v0.4, presented For Information.
- **X00-20111205-019:** TSG-S Correspondence dated 29 September 2011 re: Release of WI(s) for TSG Review. Request TSG review for 3GPP2-00299 Self-Organizing Networks with comments due on or before 2 December. Remanded to ERA.
- **X00-20111205-019A:** Work Item 3GPP2-00299 SON, was remanded to ERA.
- **X00-20111205-019B:** 3GPP2 Work Item Tracking Sheet 20110929, was remanded to ERA.
- **X00-20111205-020:** TSG-S Correspondence to TSGs re: Vision Ad Hoc, notes that the 3GPP2 Vision Adhoc will be developing SC.R5003 v3.0. A 3GPP2 Vision AdHoc meeting is scheduled for Tuesday 6 December 2011 at Noon for one hour. Presented For Information.
- **X00-20111205-020A:** UMTS-HSPA IWK Support proposal by Huawei for SC.R5003-0v3.0, was presented For Information.
- **X00-20111205-020B:** SC.R5003-0 v2.0 3GPP2 Vision, was presented For Information.
- **X00-20111205-021:** TSG-A correspondence to Metro Ethernet Forum on MEF22.x draft, was presented For Information.
- **X00-20111205-022:** 3GPP CT1 Correspondence - making use of SDP Capability Negotiation optional when offering AVPF for video, was remanded to PDS and MMD.
- **X00-20111205-022A:** 3GPP CI-115241, was remanded to PDS and MMD.
- **X00-20111205-022B:** 3GPP CI-115243, was remanded to PDS and MMD.
- **X00-20111205-022C:** 3GPP CI-115247, was remanded to PDS and MMD.
- **X00-20111205-023:** Sprint X.P0059-000-A V&V Comments, was remanded to PDS and MMD.
- **X00-20111205-023A:** Sprint X.P0059-100-A V&V Comments, was remanded to PDS.
- **X00-20111205-023B:** Sprint X.P0059-200-A V&V Comments, was remanded to MMD.
- **X00-20111205-024:** M2M Numbering Adhoc Correspondence to TSGs re: SC.R4005-0 v1.0 cdma2000 M2M Numbering Recommendations SRD for Publication, was presented For Information.
- **X00-20111205-024A:** SC.R4005-0 v1.0, was presented For Information.
- **X00-20111205-024B:** SC.R4005-0 v1.0 V&V Comment disposition, was presented For Information.
- **X00-20111205-024C:** SC.R4005-0 v1.0 Marked-up version of V&V comments resolution text, was presented For Information.
- **X00-20111205-025:** TSG-S Correspondence dated 11 November 2011 re: Release of WIs for TSG Review. Request TSG review for 3GPP2-300, 3GPP2-301 and 3GPP2-302 with comments due on or before 3 February 2012. Remanded to ERA.
- **X00-20111205-025A:** Work Item 3GPP2-00300: Multimedia Services Evaluation Document Point Release to address TIA comments, was remanded to ERA.
- **X00-20111205-025B:** Work Item 3GPP2-00301: Revise Minimum Performance Specification for the future frequency assignment plan in Japan, was remanded to ERA.
- **X00-20111205-025C:** Work Item 3GPP2-00302: Adding Single Receive Antenna Fading Channel Tests for Femto Cell Base Station and AN MPS, was remanded to ERA.
- **X00-20111205-025D:** PMT Work Item Tracking List 111109, was remanded to ERA.
- **X00-20111205-026:** ITU-T SG11 Correspondence LS-00069: Request for feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendation. Requesting a review to determine if all 3GPP2 related Emergency Telecommunications Service specifications have been included in Supplement

62. Comments to be provided by 1 May 2012. Added to the TSG-X Action list. Remanded to MMD and PDS.
- **X00-20111205-026A:** *Draft revision of Supplement 62 to ITU-T Q series.* Added to the TSG-X Action list. Remanded to MMD and PDS.
 - **X00-20111205-027:** *ITU-T SG12 Correspondence LS-00133: Liaison on revision of Recommendation ITU-T P.501 including fullband speech signals,* was present For Information.
 - **X00-20111205-028:** *ITU-T SG12 Correspondence LS-00143 - Liaison on Appendix III to P.863 – Prediction of acoustically recorded narrowband speech,* was present For Information.
 - **X00-20111205-032:** *3GPP2 Secretariat Email dated 4 November 2011 re: 3GPP2 Publishes SC.R4005-0 v1.0,* was presented For Information.
 - **X00-20111205-032A:** *3GPP SC Correspondence to MRPs, SDOs and industry participants dated 15 October 2011 re: 3GPP2 SC.R4005-0 v1.0 cdma2000 M2M Numbering Recommendations System Requirements Document,* is an announcement of the publication as SC.R4005-0 v1.0. Presented For Information.
 - **X00-20111205-032B:** *SC.R4005-0 v1.0, cdma2000 M2M Numbering Recommendations System Requirements Document,* was presented For Information.
 - **X00-20111205-34:** *ITU-T SG13 Correspondence LS-0174: Request for information on Recommendation Q.1742.10.* Document additions and deletions for 3GPP2 requested by 1 August 2012. Added to the TSG-X Action list and remanded to MMD.
 - **X00-20111205-035:** *Femto Forum Correspondence to TSG-S re: Joint 3GPP2/Femto Forum Promotion of 3GPP2 S.R0139-0 Femtocell Systems Overview for cdma2000 Wireless Communication Systems,* was presented For Information.
 - **X00-20111205-036:** *TR45.8 Correspondence dated November 28, 2011 re: Comments from Ballot for TIA-PN-4952/X.P0066-0 v1.0,* was remanded to PDS.
 - **X00-20111205-036A:** *ALU Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0,* was remanded to PDS.
 - **X00-20111205-036B:** *NSN Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0,* was remanded to PDS.
 - **X00-20111205-036C:** *ZTE Ballot Comments for TIA-PN-4952/X.P0066-0 v1.0,* was remanded to PDS.
 - **X00-20111205-039:** *ZTE X.P0066-0 v1.0 V&V comments,* was remanded to PDS.
 - **X00-20111205-040:** *Hitachi X.P0066-0 v1.0 V&V comments,* was remanded to PDS.
 - **X00-20111205-041:** *X.P0066-0 3GPP2 Secretariat Ballot Comments,* was remanded to PDS.

7. Liaison Reports

Steering Committee

TSG-A

- None

TSG-C

- **X00-20111205-029:** *TSG-C Liaison Report for Chengdu Meeting,* was presented For Information.
- **X00-20111205-029A:** *TSG-C Document Log for Chengdu Meeting,* was presented For Information.
- **X00-20111205-033:** *TSG-C Liaison Report for Interim Plenary Conference Call dated 31 October 2011,* was presented For Information.

TSG-S

- **X00-20111205-030:** *TSG-S Liaison Report from Chengdu meeting,* was presented For Information.
- **X00-20111205-031:** *TSG-S Doc Status from Chengdu meeting,* was presented For Information.

Other SDOs:

- None

FMOAHG:

- **X00-20111205-042:** *X.P0063 Pre-Pub,* was remanded to PDS and MMD for review.
- **X00-20111205-043:** *Meeting Summary, FMOAHG Conference Call, 2011.11.15* was presented For Information.

IETF

- None.

UIM_ID Administrator:

- None.

MEID Administrator:

- **X00-20111205-037:** *MEID Administration report April 30 2011,* was presented For Information.

- **X00-20111205-038:** *MEID Administration report May 31 2011*, was presented For Information.

ESN Administrator:

- None.

Others:

- None.

8. Working Group Status

8a. ERA:

- **X00-20111205-007:** The *ERA Agenda* was presented For Information.

8b. MMD:

- **X00-20111205-008:** The *MMD Agenda* was presented For Information.

8c. PDS:

- **X00-20111205-009:** The *PDS Agenda* was presented For Information.

9. Old Business

9a. Meeting Schedule:

- **X00-20111205-005:** *2012 3GPP2 Meeting Schedule* was presented For Information.

9b. TSG-X Action Item List:

- **X00-20111205-006:** *TSG-X Action Item List* was remanded to the MMD and PDS.

9c. TSG-X Workplan:

- **X00-20111205-003:** *TSG-X Workplan* was approved and remanded to the MMD and PDS for further review and updates.
- **X00-20111205-010:** *TSG-X PMT Workplan Document* was remanded to the MMD and PDS for further review and updates

10. New Business

- **X00-20111205-044:** *Work Item Request – Multiple HA LMA Assignment for X.S0061* was remanded to the ERA.

11. Recess

- The TSG-X Opening Plenary was recessed at 10:12 am local time on Monday December 05, 2011.

CLOSING PLENARY

12. Reconvene

- The closing plenary was convened at 09:49AM local time on Friday, December 09, 2011.
- No companies were added to the quorum list at the closing plenary,
- **X00-20111205-001R1:** *TSG-X December 2011 Meeting Agenda and Schedule* was approved as modified.

13. Liaison Reports

- None

14. Working Group Status

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

14a. ERA Working Group:

- **X00-20111205-102:** *ERA Report* was approved.

a. ERA actions for the plenary:

- **X00-20111205-102A:** *Outgoing Correspondence TSG-X Correspondence to TSG-S Re: Review comment.* TSG-X had no comments for 3GPP2-00299. Approved for transmission by the TSG-X Secretary.

- **X00-20111205-102BR1:** *TSG-X Correspondence to TSG-S Re: Review comments –New TSG-X Work Item: Multiple HA/LMA Support for Network PMIP.* TSG-X requests the allocation of a 3GPP2 work-item number, and the distribution of this work-item proposal for TSG review. Approved for transmission by the TSG-X Secretary.
- **X00-20111205-102B1** *Multiple HA/LMA Support for Network PMIP*, work item attachment for X00-20111205-102BR1.
- **X00-20111205-102C** *TSG-X Correspondence to TSG-S Re: 3GPP2 Vision AdHoc.* Outlines TSG-X position regarding interworking between 3GPP UMTS/HSPA+ networks and 3GPP2 networks. Approved for transmission by the TSG-X Secretary.

14b. MMD Working Group:

- **X00-20111205-103:** *MMD Report* was approved.
 - a. **MMD recommendations:**
 - i. **X.P0059-000-A v1.0, cdma2000 Femtocell Network Overview.** Recommend for SC Approval. Pre-publication version of the document is provided in contribution folder **X00-20111205-103bR1**. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0059%20FEMTO/X.P0059-A%20v1.0/X.S0059-A%20PrePublication/>

The recommendation for SC approval was approved.
 - ii. **X.P0059-100-A v1.0, cdma2000 Femtocell Network: 1x and IMS Network Aspects.** Recommend for SC Approval. Pre-publication version of the document is provided in contribution folder **X00-20111205-103bR1**. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0059%20FEMTO/X.P0059-A%20v1.0/X.S0059-A%20PrePublication/>

The recommendation for SC approval was approved.
 - iii. **X.P0059-200-A v1.0, cdma2000 Femtocell Network: 1x and IMS Network Aspects.** Recommend for SC Approval. The Pre-publication version of the document is provided in contribution folder **X00-20111205-103bR1**. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0059%20FEMTO/X.P0059-A%20v1.0/X.S0059-A%20PrePublication/>

The recommendation for SC approval was approved.
 - iv. **X.P0059-400-0 v1.0, cdma2000 Femtocell Network: 1x and IMS Supplementary Services Aspects.** Recommend for SC Approval. The Pre-publication version of the document is provided in contribution folder **X00-20111205-103bR1**. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0059%20FEMTO/X.P0059-A%20v1.0/X.S0059-A%20PrePublication/>

The recommendation for SC approval was approved.
 - v. **X.P0008-0 v4.0, MAP Support for Mobile Equipment Identity (MEID).** Recommend for V&V. V&V comments are requested by the February meeting. The V&V version of the document is provided in contribution folder **X00-20111205-103c**. The V&V version of the document is also provided at:

[ftp://ftp.3gpp2.org/TSGX/Projects/X.P0008%20MAP%20Support%20for%20the%20Mobile%20Equipment%20Identity%20\(MEID\)/X.P0008-0%20v4.0/VnV/](ftp://ftp.3gpp2.org/TSGX/Projects/X.P0008%20MAP%20Support%20for%20the%20Mobile%20Equipment%20Identity%20(MEID)/X.P0008-0%20v4.0/VnV/)

The recommendation to initiate V&V was approved.

- vi. **X.P0065-0 v1.0, USSD.** Recommend for R&F. R&F comments requested by the February meeting. The R&F version of the document is provided as contribution **X00-20111205-103a**. The R&F version of the document is also provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0065%20USSD/RnF/>

The recommendation to initiate RnF was approved.

b. MMD actions for the plenary:

- **X00-20111205-103d:** *Outgoing correspondence to TR45.8- Re: X.P0008-0 v4.0 MEID VnV*, The correspondence request TR45.8 to initiate a TIA ballot for X.P0008-0 v4.0. TIA ballot comments requested by 01 February 2012. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20111205-103e:** *Outgoing correspondence to TR45.8- Re: X.P0059-A v1.0 Publication*. The correspondence informs TR45.8 that X.P0059-A v1.0 has completed the V&V process and recommends X.S0059-A v1.0 for publication. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20111205-103f:** *Outgoing correspondence to 3GPP2 Secretariat on Work plan Questions*. Provides TSG-X responses to the December 2011 work plan questions found in X00-20111205-010. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20111205-103g:** *Outgoing correspondence to 3GPP CTI- Re: LS on making use of SDP Capability Negotiation optional when offering AVPF for video*. Response liaison to X00-20111205-022. The correspondence was approved for transmittal by the TSG-X secretary.

14c. PDS Working Group:

- **X00-20111205-104AR1:** *PDS Report* was approved.

a. PDS recommendations:

- i. **X.P0066-0 v1.0, Accounting at HA/LMA for cdma2000.** Recommend for SC Approval. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0066%20Accounting%20at%20HA%20LMA%20for%20cdma2000%20Networks/X.P0066-0%20Pre-Publication/>

Recommendation for SC approval was approved.

b. PDS actions for the plenary:

- **X00-20111205-104BR2:** *TSG-X PDS Workplan*, contains workplan updates for X.P0057-A v2.0, X.P0057-B v1.0, X.P0059-A v1.0, X.P0061-A v1.0 and X.P0066-0 v1.0. Noted that X.P0061-A v1.0 is a new project. The updates were approved. The TSG-X secretary will send the workplan updates to the 3GPP2 SC secretariat.
- **X00-20111205-104C:** *Outgoing correspondence to TR45.8 Re X.P0066-0 v1.0 Publication*. The correspondence informs TR45.8 that X.P0066-0 v1.0 has completed the V&V process and recommends X.S0066-0 v1.0 for publication. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20111205-104D:** *3GPP2 Assigned Numbers*, was approved. The TSG-X Secretary will forward the document to the SC Secretariat for posting to the 3GPP2 website.

c. Interim PDS Conference Calls:

i. M2M Study:

- Tuesday January 17, 2012, 08:00PM -10:00PM US Eastern Standard Time

14d. Femto MO Ad Hoc Group (FMOAHG):

a. FMOAHG recommendations:

- i. **X.P0063-0 v1.0, 3GPP2 Femtocell Configuration Parameters.** Recommend for SC Approval. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is provided in contribution folder **X00-20111205-105A**. The Pre-publication version of the document and the V&V/TIA ballot comment resolution file is also provided at:

<ftp://ftp.3gpp2.org/TSGX/Projects/X.P0063%20Femto%20Configuration%20Parameters/X.P0063-0%20v1.0/Pre-Publication/>

The recommendation for SC approval was approved.

b. FMOAHG actions for the plenary:

- **X00-20111205-105B:** *Outgoing correspondence to TR45.8 Re X.S0063-0 v1.0 Publication.* The correspondence informs TR45.8 of the V&V completion of X.P0063-0 v1.0. TSG-X is requesting that the document be published as a technical specification. The correspondence was approved for transmittal by the TSG-X secretary.

15. Correspondence (continued)

- **X00-20111205-106:** *SC Work Items Approved* announces the approval of 1) 3GPP2-00297 - X.S0008 MEID Clarification and 2) 3GPP2-00298 - Dual Radio Voice Call Continuity (LTE to cdma2000 1x) for IMS Emergency Calls. Presented For Information.
- **X00-20111205-107:** *ITU-R Working Party 5a – Liaison Statement to External Organizations (PPDR) on the Preliminary Draft New Report ITU-R M.[LMS.PPDR.UHF CHANNELS].* The correspondence invites external organizations to review the information in the document and confirm the accuracy of the existing text. The deadline for input contributions is 15 May 2012 at 1600 UTC. Added to the TSG-X Action list. Remanded to MMD and PDS.
- **X00-20111205-108:** *ITU-R Working Party 5A: Liaison Statement to External Organizations – Invitation to Review the Working Document Towards the Revision of Report ITU-R M.2014-1 (Digital Land Mobile System For Dispatch Traffic.* The correspondence invites external organizations to consider the working document towards the revision of Report ITU-R M.2014-1 which is attached in the correspondence and provide any update or new material to complete the revision work. The deadline for input contributions is 15 May 2012 at 1600 UTC. Added to the TSG-X Action list. Remanded to MMD and PDS.
- **X00-20111205-109:** *ITU-R Working Party 5A – Liaison Statement To External Organizations On Wide-Area Sensor and/Or Actuator Network (WASN) Systems* was presented For Information.
- **X00-20111205-110:** *TSG-S correspondence to all TSG – Re: TSG Review of S.P0148-0 v0.5 Dynamic RAN Power Management Stage 1.* Comments requested by 6 April 2012. Presented For Information.
- **X00-20111205-110A:** *S.P0148-0 v0.5 Dynamic RAN Power Management Stage 1* was presented For Information.
- **X00-20111205-111:** *TSG-S notification for S.R0150-0 Self-Organizing Networks (SON) System Requirements Document.* TSG-S has started development of S.R0150-0 with a projected completion date of December 18 2012. Presented For Information.
- **X00-20111205-112:** *TSG-S correspondence to all TSG – Re: TSG-S WG1 Web Conference Schedule for the Year 2012.* Due to reduced number of TSG-S face-to-face meetings, TSG-S WG1 plans to conduct web conferences during calendar year 2012 as given in the correspondence. Presented For Information.
- **X00-20111205-113:** *TSG-S correspondence to all TSG - Re: Gameplan for Updates to 3GPP2 Vision Document* was presented For Information.
- **X00-20111205-113A:** *SC.P5003-A v0.1 3GPP2 Vision* is the latest version of *3GPP2 Vision 2012 and Beyond* document. Presented For Information.
- **X00-20111205-114:** *TSG-S Draft Meeting Summary for 5-8 December 2011 in Kona, HI, USA,* was presented For Information.
- **X00-20111205-115:** *TSG-S Liaison Report for 5-8 December 2011 in Kona, HI, USA* was presented For Information.
- **X00-20111205-115A:** *TSG-S PMT WI Tracking List (December 08 2011)* was presented For Information.

16. Old Business

- None.

17. Assignments

- None.

18. Open Discussion

- None

19. Schedule of meetings

- **X00-20111205-101R1:** *TSG-X February 2012 Meeting Agenda and Schedule* was approved.

Please note the following details regarding the February 2012 TSG-X meeting:

Dates: February 06-10, 2012
Location: Sheraton Nanjing Kingsley Hotel & Towers
169 Hanzhong Road
Nanjing, Jiangsu 210029
China
Phone: (86)(25) 8666 8888

Room Rate: Deluxe King: 830 RMB
Deluxe Twin: 910 RMB
Above room rates include an Internet Connection and Breakfast Buffet(one).

Cutoff: 26 December 2011

20. Adjourn

- The TSG-X Closing Plenary adjourned at 10:46 local time on Friday, December 09, 2011.

TSG-X Outgoing Correspondence from the December 2011 meeting:

TSG-X Plenary Contribution Number	Description	Source	Status	Transmittal #
X00-20111205-102A	TSG-X Correspondence to TSG-S re: Review Comments	ERA	Approved for transmittal by the TSG-X Secretariat	X-01
X00-20111205-102BR1 & B1	TSG-X Correspondence to TSG-S re: New Work Item Proposal, and attached work item worksheet	ERA	Approved for transmittal by the TSG-X Secretariat	X-02
X00-20111205-102C	TSG-X Correspondence to TSG-S re: 3GPP2 Vision AdHoc	ERA	Approved for transmittal by the TSG-X Secretariat	X-03
X00-20111205-103D	TSG-X Correspondence to TR-45.8 re: V&V Comments Request for X.P0008-0 v4.0.	MMD	Approved for transmittal by the TSG-X Secretariat	X-05
X00-20111205-103E	TSG-X Correspondence to TR-45.8 re: V&V Completion for X.P0059-A v1.0.	MMD	Approved for transmittal by the TSG-X Secretariat	X-04
X00-20111205-103F	TSG-X Correspondence to 3GPP2 Secretariat re: Work Plan Question	MMD	Approved for transmittal by the TSG-X Secretariat	X-06
X00-20111205-103G	TSG-X Correspondence re: LS on making use of SDP Capability Negotiation optional when offering AVPF for video	MMD	Approved for transmittal by the TSG-X Secretariat	X-07
X00-20111205-104C	TSG-X Correspondence to TR-45.8 re: V&V Completion for X.P0066-0 v1.0	PDS	Approved for transmittal by the TSG-X Secretariat	X-09
X00-20111205-105B	TSG-X Correspondence to TR-45.8 re: V&V Completion for X.P0063-0 v1.0	FMOAH G	Approved for transmittal by the TSG-X Secretariat	X-08