TSG-X Plenary Meeting Report
June 11 – June 15, 2012
Guangzhou, People's Republic of China

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Meeting Location: Grand Hyatt Guangzhou
                           12 Zhujiang West Road, Pearl River New City, Tianhe District
                           Guangzhou, People's Republic of China 510623

OPENING PLENARY

1. Call to Order & Opening Remarks

The TSG-X Opening Plenary in Guangzhou, China started at 09:16 am local time on Monday, June 11, 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 11 of the 13 Quorum members present. The companies that were present during one or more of the plenary sessions are:

Company	Present (Dec 2011)	Present (Feb 2012)	Present (April 2012)	Present (June 2012)
Alcatel-Lucent	Present	Present	Present	Present
Applied Communications Science			Present	
Bridgewater Systems Corporation	Present			
China Telecom	Present	Present	Present	Present
Cisco Systems	Present			
Ericsson	Present	Present	Present	Present
Hitachi	Present	Present	Present	
Huawei Technologies	Present	Present	Present	Present
KDDI Corporation	Present			Present
NEC Corporation	Present	Present	Present	Present
NCS	Present		Present	
Nokia Siemens Networks	Present	Present	Present	Present
Qualcomm, Inc.	Present	Present	Present	Present
RITT		Present	Present	Present
Sprint	Present		Present	Present
TCS				Present
US Cellular				
ZTE Corporation	Present	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 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 #(20120611-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
OPENING PLENARY (11 June 2012)				
001R4	TSG-X June 2012 Meeting Agenda and Schedule	Chair	4	Approved
002	TSG-X April 2012 Meeting Summary (Chicago)	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
003b	TSG-X Work Plan	3GPP2 PMT Coordinator	9c	Approved. Remanded to ERA, MMD, PDS
004	TSG-X Outgoing Correspondences from Chicago Meeting	TSG-X Secretary	4	For Information
005	2012 3GPP2 Meeting Schedule	TSG-X Secretary	9a	For Information
006R4	TSG-X Action Item List	Vice Chair	9b	Approved
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 ITU-WP5A re ITU-R M2014.10	TSG-C	6	For Information
011A	TSG-C proposed updates to M.2014-10	TSG-C	6	For Information
012	TSG-C correspondence to TSG-S re 3GPP2 WI Review (C120420-02)	TSG-C	6	For Information
013	TSG-C correspondence to TSG-S re System Release 7 (C120420-01)	TSG-C	6	For Information
014	TSG-C correspondence to TSG-X re: Proposed changes to ITU-T draft revision of Supplement 62 to ITU-T Q series Recommendations (C120420-05)	TSG-C	6	For Information
014A	TSG-C Proposed changes to ITU-T draft revision of Supplement 62 to ITU-T Q series Recommendations (C120420-05A)	TSG-C	6	For Information
015	TSG-C Liaison Report 201204 Chicago (C120522R1)	TSG-C	7	For Information
016	TSG-C correspondence to ITU-R re LMS.PPDR.UHF Channels (C120420-04)	TSG-C	6	For Information
016A	TSG-C update of ITU-R WP5A LMS.PPDR.UHF Channels (C120420-04A)	TSG-C	6	For Information
017	TSG-S Document Status Table (20120611)	TSG-S	7	For Information
018	TSG-C correspondence to TSG-S re TSG-C 3GPP2 WI Review	TSG-C	6	For Information
019	TSG-S correspondence to TSGs re: TSG WI Review (20120509)	TSG-S	6	Remanded to ERA
019A	3GPP2-00309 1xRevF M2M	TSG-S	6	Remanded to ERA
019B	3GPP2-00310 InterworkingBugFix	TSG-S	6	Remanded to ERA
019C	3GPP2-00311 CSIM Point Release	TSG-S	6	Remanded to ERA
019D	PMT WI Tracking List (20120509)	TSG-S	6	Remanded to ERA
020	X.S0066 v1.0 Republication Notice	3GPP2 SC Secretariat	6	For Information
021	X.S0065 v1.0 Published Notice	3GPP2 SC Secretariat	6	For Information

Document #(20120611 -xxx)	Title	Source	Agenda Item	Plenary Action/Decision
022	3GPP2-00303 Multiple HA-LMA Support for Network PMIP Approved Notice	3GPP2 SC Secretariat	6	For Information
023	Letter of Support for Jun Wang (Qualcomm) for PDS Vice Chair	Qualcomm	10	For Information
024	Letter of Support for Mike Dolan (ALU) for PDS Chair	ALU	10	For Information
025	ITU-R WP5 Liaison on ITU-R M.1801 and ITU-R M.2116	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
026	ITU-R WP5 Liaison WRC-15 Agenda Item 1.3	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
027	ITU-R WP5 Liaison ITU-R M.2009	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
028	ITU-R WP5 Liaison ITU-R M.2015	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
029	ITU-R WP5 Liasion ITU-R M.2014	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
030	ITU-R WP5 Liasion ITU-R LMS.ATG	ITU-R WP5	6	Added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS
031	MEID Administration report 2012_01_31	MEID Administrator	7	For Information
032	Unofficial Summary SC-OP Chicago 1204 DRAFT (S30-20120509-004)	KDDI	7	For Information
033	X.P0061-A v0.1 - RnF Comments (ZTE)	ZTE	10	Remanded to PDS
034	SFxxx ZTE X.S0061-A Definitions and Symbols	ZTE	10	Remanded to PDS
035	CT_HW Proposed LS to 3GPP SA2 on PGW selection with 3GPP2 SIPTO support	CT, Huawei	10	Remanded to PDS
CLOSING PLENARY (15 June 2012)				
101R1	TSG-X August 2012 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 Outgoing Correspondence to TSG-S Re: Review comment	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary on June 15.
102A1	TSG-X Comments on 3GPP2-00308	Chair, ERA	14a	Approved for transmission by the TSG-X Secretary on June 15.
103	MMD Report	MMD Chair	14b	Approved.
103a	TSG-X correspondence to TR45.8 Re ITU-T Q1742.10	MMD Chair	14b	Approved for transmission by the TSG-X Secretary on June 15.

Document #(20120611 -xxx)	Title	Source	Agenda Item	Plenary Action/Decision
103a1	Published 3GPP2 for 1742.10	MMD Chair	14b	Approved for transmission by the TSG-X Secretary on June 15.
104AR1	TSG-X PDS Report	PDS Chair	14c	Approved
104BR1	PDS Workplan 2012-06	PDS Chair	14c	Approved for transmission by the TSG-X Secretary on June 15 to 3GPP2 workplan manager.
104CR3	LS to TR45.8 - X.P0057-A v2.0 VnV	PDS Chair	14c	Approved for transmission by the TSG-X Secretary on June 15.
104DR3	LS to TR45.8 - X.P0057-B v0.6 VnV	PDS Chair	14c	Approved for transmission by the TSG-X Secretary on June 15.
104ER3	LS to TR45.8 - X.P0061-A v0.2 VnV	PDS Chair	14c	Approved for transmission by the TSG-X Secretary on June 15.
104FR2	LS to 3GPP SA2 on PGW selection with 3GPP2 SIPTO support	PDS Chair	14c	Approved for transmission by the TSG-X Secretary on June 15.
105	TSG-C correspondence to TSG-S re SRD Review	TSG-S	15	Presented for Information
106	TSG-A Correspondence to TSG-S re S.P0146-0 v0.60 Review (A-01)	TSG-A	15	Presented for Information
107	TSG-A Correspondence to TSG-X re 3-digit MNCs (A-02)	TSG-A	15	TSG-A response added to the TSG-X action list.
108	TSG-A Correspondence to TR45.4 re IOS VnV (A-03)	TSG-A	15	Presented for Information
109	TSG-S correspondence to TSGs re TSG_WI_Review-120613	TSG-S	15	Remanded to ERA. Notice to be sent out on TSG-X reflector requesting companies to bring in comments by August ERA meeting.
109A	3GPP2-00312 ConcatenatedBCastSMS	TSG-S	15	Remanded to ERA. Notice to be sent out on TSG-X reflector requesting companies to bring in comments by August ERA meeting.
109B	3GPP2-00313 ME Conformance w Smart Cards Bug Fixes	TSG-S	15	Remanded to ERA. Notice to be sent out on TSG-X reflector requesting companies to bring in comments by August ERA meeting.
109C	3GPP2-00314 Device Binding WI	TSG-S	15	Remanded to ERA. Notice to be sent out on TSG-X reflector requesting companies to bring in comments by August ERA meeting.
109D	PMT WI Tracking List-120613	TSG-S	15	Remanded to ERA.
110	TSG-S correspondence to TSGs re: Updates proposed for 3GPP2-00308	TSG-S	15	Presented for Information
110A	Enhancements for 3GPP2-00308 Packet M2M	TSG-S	15	Presented for Information
111	TSG-S correspondence to TR45.8 Re S.R0146-0 v0.70 M2M SRD VnV	TSG-S	15	Presented for Information
111A	S.P0146-0_V0.70 M2M System Requirements -V&V	TSG-S	15	Presented for Information

Document #(20120611 -xxx)	Title	Source	Agenda Item	Plenary Action/Decision
112	TSG-S correspondence to TR45.8 Re S.R0149-0 v0.7 Remote Provisioning V&V	TSG-S	15	Presented for Information
112A	S.P0149-v0.7 RSM V&V	TSG-S	15	Presented for Information
113	TSG-S correspondence to SC Chair re: Liaison with IFAST	TSG-S	15	Presented for Information
113A	IFAST-3GPP2 LiaisonRequest	TSG-S	15	Presented for Information
113B	3GPP2 correspondence to IFAST re: TSG-S Liaison Relationship	TSG-S	15	Presented for Information
114	TSG-S correspondence to TSGA&C re: DRPM Phase 2	TSG-S	15	Presented for Information
115	TSG-S correspondence to TIA TR45.8 re: S.R0148-0 V&V Comment Dispositions	TSG-S	15	Presented for Information
115A	S.R0148-0 v1.0 DRPM (ES-MODE) Stage 1			Presented for Information
115B	S.R0148-0 Comments Disposition Record	TSG-S	15	Presented for Information
116	TSG-S correspondence to TSG-X re: 3-digit MNC Issue ITU-T SG2	TSG-S	15	TSG-S request added to the TSG-X Action List. Remanded to MMD.
117	TSG-S Liaison Report 1206 Guangzhou	TSG-S	15	Presented for Information

4. Agenda Review and Approval

- **X00-20120611-001:** *TSG-X June 2012 Meeting Agenda and Schedule* was approved.

5. Review Previous Meeting Summary

- Document **X00-20120611-002:** *TSG-X April Meeting Summary (Chicago)* 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:

- **X00-20120611-004:** The *TSG-X Outgoing Correspondences from Chicago* was presented For Information.
- **X00-20120611-011:** *TSG-C correspondence to ITU-WP5A re: Response to Document 5A/TEMP/352: 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*, was presented For Information.
- **X00-20120611-011A:** *TSG-C proposed updates to M.2014-10*, was presented For Information.
- **X00-20120611-012:** *TSG-C correspondence to TSG-S re 3GPP2 WI Review* was presented For Information.
- **X00-20120611-013:** *TSG-C correspondence to TSG-S re System Release 7* was presented For Information.
- **X00-20120611-014:** *TSG-C correspondence to TSG-X re: Proposed changes to ITU-T draft revision of Supplement 62 to ITU-T Q series Recommendations* was presented For Information.
- **X00-20120611-014A:** *TSG-C Proposed changes to ITU-T draft revision of Supplement 62 to ITU-T Q series Recommendations*. Material within the document was incorporated into contribution X00-20120416-103a2. Presented for information.
- **X00-20120611-016:** *TSG-C correspondence to ITU-R re: Response to Document 5A/TEMP/342:LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS (PPDR) ON THE WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT NEW REPORT ITU-R M.[LMS.PPDR.UHF CHANNELS] CHANNELIZATION SCENARIOS FOR PUBLIC PROTECTION AND DISASTER RELIEF OPERATIONS IN SOME PARTS OF THE UHF BAND IN ACCORDANCE WITH RESOLUTION 646 (WRC-03)*, was presented For Information.
- **X00-20120611-016A:** *TSG-C update of ITU-R WP5A LMS.PPDR.UHF Channel*, provided a few changes to Annex 1, Section 1 (Technology A), corresponding to IMT-2000 CDMA-MC technology. Presented For Information.
- **X00-20120611-018:** *TSG-C correspondence to TSG-S re TSG-C 3GPP2 WI Review* was presented For Information.
- **X00-20120611-019:** *TSG-S correspondence to TSGs re: TSG WI Review*, announces the released for TSG Review of 3GPP2-00309 Enhancement of the cdma2000 1x System with M2M Focus, 3GPP2-00310

Technical correction for E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification Release 0 and 3GPP2-00311 Updating CSIM to align with CSIM Conformance Testing Specification. Comments are requested on or before Monday 6 August 2012. Comment resolution is scheduled for the PMT face-to-face session on Tuesday 7 August 2012 in Seattle, WA, USA. Remanded to ERA.

- **X00-20120611-019A:** *Work Item 3GPP2-00309 Enhancement of the cdma2000 1x System with M2M Focus* was remanded to ERA.
- **X00-20120611-019B:** *Work Item 3GPP2-00310 Technical correction for E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification Release 0* was remanded to ERA.
- **X00-20120611-019C:** *Work Item 3GPP2-00311 Updating CSIM to align with CSIM Conformance Testing Specification* was remanded to ERA.
- **X00-20120611-019D:** *PMT WI Tracking List (20120509)* was remanded to ERA.
- **X00-20120611-020:** *X.S0066 v1.0 Republication Notice* was presented For Information.
- **X00-20120611-021:** *X.S0065 v1.0 Published Notice*, was presented For Information.
- **X00-20120611-022:** *3GPP2-00303 Multiple HA-LMA Support for Network PMIP Approved Notice* was presented For Information.
- **X00-20120611-025:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON THE REVISION WORK ON RECOMMENDATION ITU-R M.1801AND REPORT ITU-R M.2116 Radio interface standards for BWA systems and characteristics for use in sharing* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.
- **X00-20120611-026:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS INVITATION TO CONSIDER THE PROPOSED COURSE OF ACTION, TOWARDS THE REVIEW OF RECOMMENDATIONS AND REPORTS ASSOCIATED WITH WORK ON WRC-15 AGENDA ITEM 1.3* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.
- **X00-20120611-027:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS INVITATION TO REVIEW THE WORKING DOCUMENT TOWARDS THE REVISION OF RECOMMENDATIONITU-R M.2009 Radio interface standards for use by public protection and disaster relief operations in some parts of the UHF band in accordance with Resolution 646 (Rev.WRC-12* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.
- **X00-20120611-028:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS INVITATION TO REVIEW THE WORKING DOCUMENT TOWARDS THE REVISION OF RECOMMENDATIONITU-R M.2015Frequency arrangements for public protection and disaster relief radio communication systems in UHF bands in accordance with Resolution 646 (Rev.WRC-12)* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.
- **X00-20120611-029:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS INVITATION TO REVIEW THE PRELIMINARY DRAFT REVISION OF REPORT ITU-R M.2014 Digital land mobile systems for dispatch traffic* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.
- **X00-20120611-030:** *ITU-R WP5 LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS INVITATION TO SUBMIT CONTRIBUTIONS TO WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFTNEW REPORT ITU-R [LMS.ATG] SYSTEMS FOR PUBLIC MOBILE COMMUNICATIONS WITH AIRCRAFT* was added to the TSG-X action list with a TSG-X comment due date of 10 August 2012. Remanded to MMD and PDS.

7. **Liaison Reports**

Steering Committee

- **X00-20120611-032:** *Unofficial Summary SC-OP Chicago 1204 DRAFT (S30-20120509-004)* was presented For Information.

TSG-A

- None

TSG-C

- **X00-20120611-015:** *TSG-C Liaison Report 201204 Chicago Meeting* was presented For Information.

TSG-S

- **X00-20120611-017:** *TSG-S Document Status Table from the Chicago Meeting* was presented For Information.

Other SDOs:
- None

IETF
- None.

UIM_ID Administrator:
- None.

MEID Administrator:
- **X00-20120611-031:** *MEID Administration report 2012_01_31* was presented For Information.

ESN Administrator:
- None.

Others:
- None.

8. **Working Group Status**
    8a. ERA:
    - **X00-20120611-007:** The *ERA Agenda* was presented For Information.
    8b. MMD:
    - **X00-20120611-008:** The *MMD Agenda* was presented For Information.
    8c. PDS:
    - **X00-20120611-009:** The *PDS Agenda* was presented For Information.

9. **Old Business**
    9a. Meeting Schedule:
    - **X00-20120611-005:** *2012 3GPP2 Meeting Schedule* was presented For Information.
    9b. TSG-X Action Item List:
    - **X00-20120611-006R2:** *TSG-X Action Item List* was remanded to the MMD and PDS.

    9c. TSG-X Workplan:
    - **X00-20120611-003:** *TSG-X Workplan* was approved and remanded to the ERA, MMD and PDS for further review and updates.
    - **X00-20120611-010:** *TSG-X PMT Workplan Document* was remanded to the MMD and PDS for further review and updates.

10. **New Business**
    - **X00-20120611-023:** *Letter of Support for Jun Wang (Qualcomm) for PDS Vice Chair* was presented. TSG-X thanked Jun Wang for volunteering.
    - **X00-20120611-024:** *Letter of Support for Mike Dolan (ALU) for PDS Chair* was presented. TSG-X thanked Mike Dolan for volunteering.
    - **X00-20120611-033:** *X.P0061-A v0.1 - RnF Comments (ZTE)* was remanded to PDS.
    - **X00-20120611-034:** *SFxxx ZTE X.S0061-A Definitions and Symbols* was remanded to PDS.
    - **X00-20120611-035:** *CT_HW Proposed LS to 3GPP SA2 on PGW selection with 3GPP2 SIPTO* was remanded to PDS.

11. **Recess**
    - The TSG-X Opening Plenary was recessed at 10:32 am local time on Monday June 11, 2012.

CLOSING PLENARY

12. **Reconvene**
    - The closing plenary was reconvened at 08:36 AM local time on Friday, June 15, 2012.
    - **X00-20120611-001R4:** *TSG-X June 2012 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:
- **X00-20120611-102:** *ERA Report* was approved.
  a. **ERA actions for the plenary:**
    - **X00-20120611-102A:** *TSG-X Outgoing Correspondence to TSG-S Re: Review comment.* TSG-X reviewed and had no comments for work items 3GPP2-00306 and 3GPP2-00307. TSG-X reviewed and had comments for 3GPP2-00308. The comments for 3GPP2-00308 are in attachment X00-20120611-102A1. Approved for transmission by the TSG-X Secretary.
    - **X00-20120611-102A1:** *TSG-X Comments on 3GPP2-00308.* Approved for transmission by the TSG-X Secretary.

14b. MMD Working Group:
- **X00-20120611-103:** *MMD Report* was approved.

  a. **MMD actions for the plenary:**
    - **X00-20120611-103a:** *TSG-X correspondence to TR45.8 Re ITU-T Q1742.10.* The correspondence provides a list of TSG-S and TSG-X specifications published for 2011. The correspondence was approved for transmittal by the TSG-X secretary.
    - **X00-20120611-103a1:** *Published 3GPP2 for 1742.10* The attachment for X00-20120611-103a contains the list of TSG-S and TSG-X specifications published for 2011. The correspondence was approved for transmittal by the TSG-X secretary.
  b. **Contributions remanded to MMD :**
    - **X00-20120416-024:** *Updated Liaison to EO on Rev 11 of M.1457-10.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120416-026:** *ITU-T SG2 Correspondence COM 2-LS129.* MMD has reviewed its specifications and has not identified any areas which would require changes. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-025:** *ITU-R WP5 Liaison on ITU-R M.1801 and ITU-R M.2116.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-026:** *ITU-R WP5 Liaison WRC-15 Agenda Item 1.3.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-027:** *ITU-R WP5 Liaison ITU-R M.2009.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-028:** *ITU-R WP5 Liaison ITU-R M.2015.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-029:** *ITU-R WP5 Liaison ITU-R M.2014.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).
    - **X00-20120611-030:** *ITU-R WP5 Liaison ITU-R LMS.ATG.* MMD has reviewed the liaison, determined it to be outside the scope of the MMD specifications, and has no comments. The MMD response was added to the TSG-X Action List (see X00-20120611-006R4).

14c. PDS Working Group:
- **X00-20120611-104AR1:** *PDS Report* was approved.

  a. **PDS recommendations:**
    i. **X.P0057-A v2.0, E-UTRAN-eHRPD Interworking.** Recommended for V&V approval. The V&V version of the document is provided at:

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

The recommendation for V&V 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 V&V and that V&V comments are due by 2 August 2012.

ii. **X.P0057-B v1.0, E-UTRAN-eHRPD Interworking.** Recommended for V&V approval. The V&V version of the document is provided at:

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

The recommendation for V&V was approved unanimously. The TSG-X secretary will notify the 3GPP2 SC Secretariat that X.P0057-B v1.0 (E-UTRAN-eHRPD Interworking) has been approved by TSG-X for V&V and that V&V comments are due by 2 August 2012.

iii. **X.P0061-A v1.0, Network PMIP Support**. Recommended for V&V approval. The V&V version of the document is provided at:

> ftp://ftp.3gpp2.org/TSG-X/Projects/X.P0061%20Network%20PMIP%20Support/X.P0061-A%20v1.0/V%26V/

The recommendation for V&V was approved unanimously. The TSG-X secretary will notify the 3GPP2 SC Secretariat that X.P0061-A v1.0 (Network PMIP Support) has been approved by TSG-X for V&V and that V&V comments are due by 2 August 2012.

b. **PDS actions for the plenary:**

- **X00-20120611-104BR1:** *TSG-X PDS Workplan,* contains workplan updates for X.P0057-A v2.0, X.P0057-B v1.0, X.P0061-A v1.0, X.P0062-A v1.0, X.R0067-0 v1.0, X.P00xx-000 v1.0 (Enhancements for M2M – Overview and Architecture), X.P00xx-100 v1.0 (Enhancements for M2M – Packet Services) and X.P00xx-200 v1.0 (Enhancements for M2M – Circuit Switched Services). The updates were approved. The updates were approved for transmission by the TSG-X Secretary on June 15 to the 3GPP2 workplan manager.
- **X00-20120611-104CR3** *LS to TR45.8 - X.P0057-A v2.0 VnV*. The correspondence request TR45.8 to initiate a TIA ballot for X.P0057-A v2.0. TIA ballot comments requested by 02 August 2012. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20120611-104DR3:** *LS to TR45.8 - X.P0057-B v1.0 VnV*. The correspondence request TR45.8 to initiate a TIA ballot for X.P0057-B v1.0. TIA ballot comments requested by 02 August 2012. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20120611-104ER3:** *LS to TR45.8 - X.P0061-A v1.0 VnV*. The correspondence request TR45.8 to initiate a TIA ballot for X.P0061-A v1.0. TIA ballot comments requested by 02 August 2012. The correspondence was approved for transmittal by the TSG-X secretary.
- **X00-20120611-104FR2:** *LS to 3GPP SA2 on PGW selection with 3GPP2 SIPTO support*. The correspondence notifies 3GPP SA2 that CR S2-122628 and CR S2-122629 against TS23.402 will be submitted into the July 2012 SA2 meeting to support 3GPP2 SIPTO. The correspondence was approved for transmittal by the TSG-X secretary.

c. **Contributions remanded to PDS:**

- **X00-20120416-026:** *ITU-T SG2 Correspondence COM 2-LS129*. A review of X.S0011-005 showed that both 2 and 3-digit MNCs are supported The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-025:** *ITU-R WP5 Liaison on ITU-R M.1801 and ITU-R M.2116*. PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-026:** *ITU-R WP5 Liaison WRC-15 Agenda Item 1.3*. PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-027:** *ITU-R WP5 Liaison ITU-R M.2009*. PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).

- **X00-20120611-028:** *ITU-R WP5 Liaison ITU-R M.2015.* PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-029:** *ITU-R WP5 Liaison ITU-R M.2014.* PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-030:** *ITU-R WP5 Liaison ITU-R LMS.ATG.* PDS has reviewed the liaison, determined it to be outside the scope of the PDS specifications, and has no comments. The PDS response was added to the TSG-X Action List (see X00-20120611-006R4).

15. Correspondence (continued)

- **X00-20120611-105:** *TSG-C correspondence to TSG-S re SRD Review* was presented For Information.
- **X00-20120611-106:** *TSG-A Correspondence to TSG-S re S.P0146-0 v0.60 Review (A-01)* was presented For Information.
- **X00-20120611-107:** *TSG-A Correspondence to TSG-X re 3-digit MNCs (A-02).* TSG-A notes that TSG-A has reviewed its specifications and has not identified any areas where this will impact 3GPP2 RAN specifications. The TSG-A response was added to the TSG-X Action List (see X00-20120611-006R4).
- **X00-20120611-108:** *TSG-A Correspondence to TR45.4 re IOS VnV (A-03)* announces that A.S0011~17-C v4.0, IOS for cdma2000 Access Network Interfaces (TIA-2001-D-3) and A.S0011~17-D v4.0, IOS for cdma2000 Access Network Interfaces (TIA-2001-E-3) have been approved for V&V. V&V comments are due August 6, 2012. Presented For Information.
- **X00-20120611-109:** *TSG-S correspondence to TSGs re TSG_WI_Review-120613* announces that 3GPP2-00312 Concatenated Broadcast Short Message Service (SMS) Messages, 3GPP2-00313 Bug fixes for ME Conformance Testing with Smart Cards, and 3GPP2-00314 Binding of access subscription with Device(s) have been approved for TSG review. Comments requested by 7 September 2012. Remanded to ERA. Notice to be sent out on the TSG-X reflector requesting companies to bring in comments by the August ERA meeting.
- **X00-20120611-109A:** *3GPP2-00312 ConcatenatedBCastSMS* is the 3GPP2-00312 Concatenated Broadcast Short Message Service (SMS) Messages work item. Remanded to ERA.
- **X00-20120611-109B:** *3GPP2-00313 ME Conformance w Smart Cards Bug Fixes* is the 3GPP2-00313 Bug fixes for ME Conformance Testing with Smart Cards work item. Remanded to ERA.
- **X00-20120611-109C:** *3GPP2-00314 Device Binding WI* is the 3GPP2-00314 Binding of access subscription with Device(s) work item. Remanded to ERA.
- **X00-20120611-109D:** *PMT WI Tracking List-120613* was remanded to ERA.
- **X00-20120611-110:** *TSG-S correspondence to TSGs re: Updates proposed for 3GPP2-00308* announces proposed updates to the 3GPP2-00308 System Enhancements for M2M work item. Companies with any comments may submit their comments into the PMT interim conference call on Monday 9 July 2012 at 8:00 PM US east coast time. Presented For Information.
- **X00-20120611-110A:** *Enhancements for 3GPP2-00308 Packet M2M* is the proposed updated version of 3GPP2-00308. Presented For Information.
- **X00-20120611-111:** *TSG-S correspondence to TR45.8 Re S.R0146-0 v0.70 M2M SRD VnV.* TSG-S liaison to TR45.8 recommending S.R0146-0 for TIA ballot and announcing that S.R0146-0 has reached 3GPP2 V&V status. V&V comments are requested on or before August 3, 2012. Comment resolution is scheduled to take place during the 3GPP2 super-meeting August 6-10 in Seattle, WA. Presented for Information.
- **X00-20120611-111A:** *S.P0146-0_V0.70 M2M System Requirements -V&V* is the V&V version of S.R0146-0. Presented for Information.
- **X00-20120611-112:** *TSG-S correspondence to TR45.8 Re S.R0149-0 v0.7 Remote Provisioning V&V.* TSG-S liaison to TR45.8 recommending S.R0149-0 for TIA ballot and announcing that S.R0149-0 has reached 3GPP2 V&V status. V&V comments are requested on or before August 3, 2012. Comment resolution is scheduled to take place during the 3GPP2 super-meeting August 6-10 in Seattle, WA. Presented for Information.
- **X00-20120611-112A:** *S.P0149-v0.7 RSM V&V* is the V&V version of S.R0149-0. Presented for Information.
- **X00-20120611-113:** *TSG-S correspondence to SC Chair re: Liaison with IFAST.* TSG-S recommendation to 3GPP2 SC for the establishment of a liaison relationship between TSG-S and IFAST. The relationship would be primarily for the periodic reporting by IFAST to TSG-S on their activities related to management of International Roaming MINs (IRM) and System Identification (SID) codes. Presented for Information.
- **X00-20120611-113A:** *IFAST-3GPP2 LiaisonRequest* is the IFAST request for liaison status to TSG-S.

- **X00-20120611-113B:** *3GPP2 correspondence to IFAST re TSG-S Liaison Relationship* is a proposed 3GPP2 SC liaison to IFAST, assuming 3GPP2 SC approved of IFAST liaison status. Presented for Information.
- **X00-20120611-114:** *TSG-S correspondence to TSGA&C re DRPM Phase 2*. TSG-S liaison to TSG-A and TSG-C proposing a joint meeting on Monday, August 6, 2012 at 5:00 PM to discuss requirements for Revision A of S.R0148 (Dynamic RAN Power Management Stage 1). Presented for information.
- **X00-20120611-115:** *TSG-S correspondence to TIA TR45.8 re S.R0148-0 V&V Comment Dispositions*. TSG-S liaison to TR45.8 recommending S.R0149-0 for publication and also announcing that S.R0149-0 has been approved by TSG-S, pending SC approval, for 3GPP2 publication. Presented for Information.
- **X00-20120611-115A:** *S.R0148-0 v1.0 DRPM (ES-MODE) Stage 1* is the TSG-S publication version of S.R0148-0 v1.0. Presented for Information.
- **X00-20120611-115B:** *S.R0148-0 Comments Disposition Record* is the list of TIA ballot and V&V comments and their resolution status. Presented for Information.
- **X00-20120611-116:** *TSG-S correspondence to TSG-X re 3-digit MNC Issue ITU-T SG2* is a TSG-S liaison to TSG-X suggesting a liaison to ITU-T SG2 for the pursuit of background information related to the ITU-T request for information. The TSG-S request was added to the TSG-X Action List (see X00-20120611-006R4) and remanded to MMD.
- **X00-20120611-117:** *S TSG-S Liaison Report 1206 Guangzhou* was presented for information.

16. **Old Business**
    - None

17. **Assignments/TSG-X Action Item List**
    - **X00-20120611-006R4:** *TSG-X Action Item List* was updated and approved.

18. **Open Discussion**
    - None

19. **Schedule of meetings**

    - **X00-20120611-101R1:** The *TSG-X August 2012 Meeting Agenda and Schedule* was approved.

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

Dates:	August 06-10, 2012
Location:	Renaissance Hotel Seattle
	515 Madison Street
	Seattle, WA, USA 98104
	Phone: +1.206.583.0300

Room Rate:	Single/Double-$170.00 + Tax (Currently 15.6%) + $2.00 per night city assessment. Guest room Internet access is inclusive

Cutoff:	July 09, 2012

20. **Adjourn**
    - The TSG-X Closing Plenary adjourned at 10:18 AM local time on Friday, June 15, 2012.

TSG-X Outgoing Correspondence from the June 2012 meeting:

TSG-X Plenary Contribution Number	Description	Source	Status	Transmittal #
X00-20120611-102A	TSG-X Outgoing Correspondence to TSG-S Re: Review comment	ERA	Approved for transmittal	X-01
X00-20120611-102A1	TSG-X Comments on 3GPP2-00308	ERA	Approved for transmittal	X-01A
X00-20120611-103a	TSG-X correspondence to TR45.8 Re ITU-T Q1742.10	MMD	Approved for transmittal	X-02
X00-20120611-103a1	Published 3GPP2 for 1742.10	MMD	Approved for transmittal	X-02A
X00-20120611-104Cr3	LS to TR45.8 - X.P0057-A v2.0 VnV	PDS	Approved for transmittal	X-03
X00-20120611-104Dr3	LS to TR45.8 - X.P0057-B v0.6 VnV	PDS	Approved for transmittal	X-04
X00-20120611-104Er3	LS to TR45.8 - X.P0061-A v0.2 VnV	PDS	Approved for transmittal	X-05
X00-20120611-104Fr2	LS to 3GPP SA2 on PGW selection with 3GPP2 SIPTO support	PDS	Approved for transmittal	X-06