

**TSG-X Plenary Meeting Report
October 30 – November 3, 2006
Northbrook, IL**

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Date: October 30 – November 3, 2006

Time: Convene on October 30 at 8:00 A.M.

Location: Radisson Hotel Northbrook
2875 N. Milwaukee Ave.
Northbrook, IL 60062

OPENING PLENARY

1. Call to Order & Opening Remarks

The TSG-X Opening Plenary in Northbrook, IL began at 8:15am on Monday, October 30, 2006.

Participants were invited to note a Team Building dinner activity to be held on Wednesday and were encouraged to sign up.

2. Attendance Registration & Roll Call

Company	Present?
ALLTEL	Present
Bridgewater Systems Corporation	Present
China Unicom	
Cisco Systems	Present
Comverse	Present
Ericsson Wireless Communications, Inc.	
Fujitsu, Ltd.	Present
Hitachi	Present
HP	Present
Huawei Technologies	Present
KDDI Corporation	Present
LG Electronics	Present
Lucent Technologies	Present
Motorola	Present
National Communications Systems	
NEC Corporation	Present
Nokia	Present
Nortel Networks	Present
Oki	Present
QUALCOMM, Inc.	Present
Research In Motion	Present
RITT	
Samsung Electronics	Present
Siemens	Present
SK Telecom	Present
Sprint	Present
Starent Networks	Present
Telcordia	Present
Telcaware	Present

TeleCommunication Systems, Inc.	Present
US Cellular	Present
Verizon Wireless	Present

OTHERS PRESENT:

Company	Present?
Camiant	Present
Itochu Techno-Science Co.	Present
Tellabs	Present
Unicom Consulting (Tech Writer)	Present
UTStarcom	Present

21 of the 32 Quorum members were present at Opening Plenary.

3. Introduction and Numbering of Contributions

The following documents were numbered and assigned to the agenda:

Document # (20061030-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
000R1	Contribution Log	Chair		For Information
001R3	TSG-X Meeting Notice	Chair	4	Approved as Modified
002	September 2006 TSG-X Meeting Report – Xi'an	Chair	5	Approved; Secretary to Post on Website
003R1	Workplan	PMT Chair	8d.i	Approved; Remanded to ERA, CSN, PSN
003BR1	Workplan Archive	PMT Chair	8d.i	Approved; Remanded to ERA, CSN, PSN
004	Previous Month Outgoing Correspondence	Secretary	6	For Information
005, 005R1	2006-2008 Meeting Schedule	Chair	9a	For Information
006, 006R1	Action Item List	Vice Chair	9b, 17	For Information
007R1	ERA Agenda – Opening Plenary	ERA Chair	8a	For Information
008	CSN Agenda – Opening Plenary	CSN Chair	8b	For Information
009R1	PSN Report – Opening Plenary	PSN Chair	8c	Approved; X.S0011-C v3.0 Text Approved for 15-Day SC Review and Publication; X.P0028-200 approved for Re-V&V; 2 Correspondences to TR-45.6 Approved for Transmission by the Secretary
010	PMT Report – Opening Plenary	PMT Chair	8d	Verbal Report – For Information
011	TSG-C Liaison Report-0609-Xi'an	TSG-C	7	For Information
012	TSG-S Liaison Report-0609-Xi'an	TSG-S	7	For Information
013	TR-45 re ESN Report 2006-09	TR-45 ESN Admin	7	Remanded to CSN
014	UIM Admin Report Sept 30 2006	UIM Admin	7	Remanded to CSN
015	MEID Admin Report - No Activity in Sept 2006	MEID Admin	7	Remanded to CSN
016	TR-45.2 re Interoperable SIP Profiles	TR-45.2	6	Remanded to PSN; Response Due at Maui Meeting
017	TSG-A Corr to TSG-S on LBC Requirements	TSG-A	6	Remanded to ERA
018	TSG-A re A11 Msg Fragmentation	TSG-A	6	Remanded to PSN
019	TSG-A Corr Response re Fast Handoff	TSG-A	6	Remanded to PSN; Response Due During Northbrook Meeting

Document # (20061030-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
020	ATIS ESIF NGES to Chair re 3GPP2 Emergency Services Overview for ESIF	ATIS ESIF NGES	6	Approved; Response Due at Closing Plenary
021	TSG-C re RFC-2429bis	TSG-C	6	Remanded to PSN and IETF Liaison
022	TSG-C to TSG-S re Encryption	TSG-C	6	For Information
022A	LU EVDO Security Enhancement	TSG-C	6	For Information
023	TSG-S re Policy SRD - MMD Policy-Roaming	TSG-S	6	Remanded to ERA
024	TSG-S re TSG Review of S.P0106-0 v1.1	TSG-S	6	Remanded to ERA; Response Due at Maui Meeting
024A	S P0106-0 v1.1 PS Video Telephony Stage 1(clean)-TSG-REVIEW	TSG-S	6	Remanded to ERA; Response Due at Maui Meeting
024B	S P0106-0 v1.1 PS Video Telephony Stage 1-TSG-REVIEW	TSG-S	6	Remanded to ERA; Response Due at Maui Meeting
025	TSG-S to TR45.2 re S.P0037-B V&V	TSG-S	6	For Information
026	TSG-S re S.P0076 v0.7 Feature Alignment	TSG-S	6	For Information
026A	S.P0076-0 v0.7	TSG-S	6	For Information
027	TSG-S re Release 5	TSG-S	6	Remanded to PSN
028	TSG-S to CDG ETO re Requirements for Release 5	TSG-S	6	For Information
029	PSN Chair re TR-45 TIA 3GPP2 Transposition Process	PSN Chair	8c	For Information
029A	060906-13 TIA 3GPP2 Transposition	PSN Chair	8c	For Information
030	SC Chair to NENA re Liaison Request Response	TSG-S	6	For Information
031	Trip Rpt Emergency Services SDO Workshop [LU]	Lucent	9c	For Information
032	TR-45.2 re TIA-973.009 and .012 Ballot	TR-45.2	6	Remanded to PSN
033	TR-45.2 re TIA-41.324 Ballot	TR-45.2	6	Remanded to CSN
034	TR-45 re ESN Report 2006-10	TR-45 ESN Admin	7	Remanded to CSN
035	Chair re IMS Workshop 3GPP2 MMD Status	Chair	9d	For Information
036	SC OP report	Chair	7	Remanded to CSN & PSN
036A	TIA Corr OMA Referencing	Chair	7	Remanded to CSN & PSN
036B	TSG-X Scope of Work	Chair	7	Remanded to CSN & PSN
036C	TSGX-Scope of Work Qualcomm1	Chair	7	Remanded to CSN & PSN
036D	Revised Principle for Clean vs. marked	Chair	7	Remanded to CSN & PSN
037	OMA re Update of PoC v2.0 Related Charging Docs	OMA PoC	6	Remanded to PSN
038	CDG ETO re Evolved Network Background	CDG ETO	6	For Information
039	TR-45.2 re TIA-41.000-4[E] Ballot Comments	TR-45.2	6	Remanded to CSN
040	Hitachi re X.P0040-0v1.0 VV Cover Sheet	Hitachi	6	Remanded to PSN
040A	Hitachi re X.P0040-0v1.0 VV Comment File	Hitachi	6	Remanded to PSN
041	Secretariat re X.P0001-A VV Comments	Secretariat	6	Remanded to CSN
042	Secretariat re X.P0004-000-E v5.0 VV Comments	Secretariat	6	Remanded to CSN
043	Secretariat re X.P0004-324-E v1.0 VV Comments	Secretariat	6	Remanded to CSN
044	Secretariat re X.P0040-0 v0.4 VV Comments	Secretariat	6	Remanded to PSN
045	Secretariat re X.P0013-002-B VV Comments	Secretariat	6	Remanded to PSN
046	Secretariat re X.P0013-003-B VV Comments	Secretariat	6	Remanded to PSN
047	Secretariat re X.P0013-004-B VV Comments	Secretariat	6	Remanded to PSN
048	Secretariat re X.P0013-005-B VV Comments	Secretariat	6	Remanded to PSN
049	Secretariat re X.P0013-006-B VV Comments	Secretariat	6	Remanded to PSN
050	Secretariat re X.P0013-015-0 VV Comments	Secretariat	6	Remanded to PSN
051	Secretariat re X.P0013-016-0 VV Comments	Secretariat	6	Remanded to PSN
052	Secretariat re SC-OP Decisions Actions Remands	Secretariat	6	For Information
053	TSG-S re 3GPP2 Evolved Network Mtg-061029	TSG-S	6	For Information
053A	TSG-S Summary of Network Evolution Issues	TSG-S	6	For Information
053B	CDG ETO Evolved Network	TSG-S	6	For Information

Document # (20061030-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
054	Secretariat re 200610 TSG-X Workplan Contribution Cover	Secretariat	8d	Remanded to PMT
055	Nortel re X.P0001-A V&V Comments	Nortel	8b	Remanded to CSN
056	X.M0001-0 v5.1 Editor's Manual	Chair	9e	Approved for Posting as v6.0; Secretary to Post to FTP Site and Local Server for Future Use
057	TR-45.2 re TIA-873 Ballot Comments	TR-45.2	15	Remanded to PSN
058	TSG-C Re Macro and Loss	TSG-C	15	Remanded to PSN
058A	MOT_RIM Macro RF Loss	TSG-C	15	Remanded to PSN
059	TSG-C re TSG-X Notification of PSVT C.P0055-0 VV	TSG-C	15	Remanded to PSN
060	TSG-C re FlowPID	TSG-C	15	Remanded to PSN
061	TSG-X Draft Corr re NGES Request for Emergency Services Presentation	Chair	15	Approved for Transmission by the Secretary
062	TR-45.2 re TIA-880-A Ballot Comments	TR-45.2	15	Remanded to CSN
063	PSN Report-Closing	PSN Chair	14c	Approved
064	CDG re UMB Brand 01NOV06	CDG	15	For Information
065	TSG-S to NENA re December Invitation -061030	TSG-S	15	For Information
066	CSN Report Nov 2006	CSN	14b	Approved
067	CSN Contribution Status Log Nov 2006	CSN	14b	For Information
068	XP0004-326-E v1 R&F CSN-chair	CSN	14b	Approved for R&F
069	XP0004-327-E v1 R&F CSN-chair	CSN	14b	Approved for R&F
070	XP0004-E v2 MAP Miscellaneous Enh CSN-chair	CSN	14b	Approved for R&F
071R1	TSG-X December Meeting Agenda and Schedule	Chair	19	Approved as Modified
072R1	TSG-X Draft Corr to TSGs re Network Evolution Discussions	Chair	15	Approved for Transmission by the Secretary
073	Draft Corr to TSG-S re MMD EP and Roaming	ERA	14a	Approved for Transmission by the Secretary
074R1	ERA Report	ERA	14a	Approved as Modified
075	Draft Corr to TSG-S re WI Review of 162, 144, 168	ERA	14a	Approved for Transmission by the Secretary
076	Draft Corr to TSG-S re TSG-X Position on NENA	ERA	14a	Approved for Transmission by the Secretary
076A	TSG-X NENA Background	ERA	14a	Approved for Transmission by the Secretary
077	Draft Corr to TSG-S re MMD Roaming Req	ERA	14a	Approved for Transmission by the Secretary
077A	Roaming Req	ERA	14a	Approved for Transmission by the Secretary
078	Draft Corr to TSG-S re Emergency Call Support - S.P0115	ERA	14a	Approved for Transmission by the Secretary
079	CDG ETO Corr to TSG-S re Comments on Release 5 WIs-061101	ERA	15	For Information
079A	CDG ETO 3GPP2 Evolved Network Input SRD-061101	ERA	15	For Information
079B	CDG ETO 3GPP2 Evolved Network Input Cover	ERA	15	For Information
080	TSG-S to TSGs re TSGX Scope	TSG-S	15	For Information
080A	PMT Agenda	TSG-S	15	For Information
080B	Oct25 Steering Committee Meeting Summary	TSG-S	15	For Information
080C	TSG-X Scope of Work	TSG-S	15	For Information
080D	TSGX-Scope of Work Qualcomm	TSG-S	15	For Information
081	TSG-S re GBA	TSG-S	15	For Information
082	PSN Chair-Liaison to SC X.P0051	PSN	14c	WITHDRAWN

4. Agenda Review and Approval

X00-20061030-001R3 *Xi'an Meeting Agenda* was approved.

5. Review Previous Meeting Summary

Document **X00-20061030-002** *Xi'an Meeting Summary* was presented by the Chair and approved without objection. 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:

- **X00-20061030-004**
- **X00-20061030-016 through -028**
- **X00-20061030-030, -032, -033**
- **X00-20061030-037 through -053**

Please refer to Section 3 for Actions/Decisions.

7. Liaison Reports

Steering Committee: **X00-20061030-036, -036A, -036B, -036C, and -036D** The TSG-X Report to the Steering Committee for the Brazil meeting in October 2006 was remanded to CSN and PSN WGs.

TSG-A: None.

TSG-C: **X00-20061030-011** The TSG-C Liaison Report from September 2006 was presented For Information.

TSG-S: **X00-20061030-012** The TSG-S Liaison Report from September 2006 was presented For Information.

SDO: None.

IETF: None.

UIM ID Administrator: **X00-20061030-014** The UIM Administrator Report was remanded to CSN WG.

MEID Administrator: **X00-20061030-015** The MEID Administrator Report from September 2006 was remanded to CSN WG.

ESN Administrator: **X00-20061030-013** The ESN Administrator Report for September 2006 was remanded to CSN WG. **X00-20061030-034** The ESN Administrator Report for October 2006 also was remanded to CSN WG.

Other: None.

8. Working Group Status

8a. ERA: **X00-20061030-007R1** The ERA Agenda was presented For Information.

8b. CSN: The CSN Chair presented **X00-20061030-008**, the CSN Agenda, For Information. In addition, contribution **X00-20061030-055** regarding Nortel V&V Comments on X.P0001-A was remanded to CSN.

8c. PSN: **X00-20061030-009R1** The PSN Report was approved. In particular, X.S0011-C v3.0 text was approved for 15-Day Steering Committee review and publication. Related correspondence to TR-45.6 was then approved for transmission by the Secretary. In addition, X.P0028-200 text was approved for Re-V&V review, with comments due by Opening Plenary at the January TSG-X meeting in Vancouver, BC. Related correspondence to TR-45.6 regarding X.P0028-200 also was approved for transmission by the Secretary. Contribution **X00-20061030-029** regarding the TIA TR-45 process for balloting and adopting 3GPP2 specifications was presented For Information.

8d. PMT: **X00-20061030-010** The PMT Report was a verbal contribution. **X00-20060911-003R1** and **-003BR1** Updated workplan and archive [X00-20060911-003BR1 TSG-X SDO Workplan Archive and X00-20060911-003R1 TSG-X SDO Workplan] were approved. The PMT Chair/Editor provided clean copies [X00-20061030-003 and -003B] following opening plenary for WG reference. In addition, contribution **X00-20061030-054** regarding TSG-S/Secretariat Workplan Questions was remanded to PMT.

9. Old Business

9a. X00-20061030-005 2006-2008 Meeting Schedule was presented For Information.

9b. X00-20061030-006 Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

9c. X00-20061030-031 A report on the IETF/3GPP Emergency Services Workshop was presented For Information.

9d. X00-20061030-035 The 3GPP2 MMD status report for the IMS Workshop was presented For Information.

9e. X00-20061030-056 Updated Editors' Manual v5.1 was held open for review until Closing Plenary.

10. New Business

None.

11. Recess

Opening Plenary was recessed at 10:34am local time until Closing Plenary on Friday, November 3.

CLOSING PLENARY

12. Reconvene

Closing Plenary convened at 8:31am local time on Friday, November 3, 2006. UTStarcom, RIM and Telcordia were added to the quorum list following this month's meeting.

13. Liaison Reports:

None.

14. Working Group Status

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

14a. ERA:

- **X00-20061030-074R1** ERA Report was approved as modified.
- **X00-20061030-073** Draft correspondence to TSG-S regarding MMD Enhanced Policy and Roaming was approved for transmission by the Secretary.
- **X00-20061030-075** Draft correspondence to TSG-S regarding WI Review of -00162, -00144, and -00168 was approved for transmission by the Secretary.
- **X00-20061030-076** and **-076A** Draft Correspondence to TSG-S regarding TSG-X Position on NENA was approved for transmission by the Secretary.
- **X00-20061030-077** and **-077A** Draft Correspondence to TSG-S regarding MMD Roaming Requirements was approved for transmission by the Secretary.
- **X00-20061030-078** Draft correspondence to TSG-S regarding Emergency Call Support (S.P0115) was approved for transmission by the Secretary.

14b. CSN:

- **X00-20061030-066** The CSN Report was approved.
- **X00-20061030-067** The Contribution Status Log was presented For Information.
- **X00-20061030-068** X.P0004-326-E v1 text was approved for R&F, with comments due by the December TSG-X meeting in Maui.
- **X00-20061030-069** X.P0004-327-E v1 text was approved for R&F, with comments due by the December TSG-X meeting in Maui.
- **X00-20061030-070** X.P0004-E v2 MAP and Miscellaneous Enhancements text was approved for R&F, with comments due by the December TSG-X meeting in Maui.

14c. PSN:

- **X00-20061030-063** The PSN report was approved (note individual Report Items below).
- **Item A:** X.P0044 text and X.P0047 text were approved for V&V Review, with comments due by Opening Plenary at the January TSG-X Meeting in Vancouver, BC. In addition, related correspondence to TR-45.6 was approved for transmission by the Secretary.
- **Item B:** Draft correspondence to TSG-C regarding AN Macros and RF Loss was approved for transmission by the Secretary. The TSG-X Chair took an action item to work with TSG-C to generate a response.
- **Item C:** Draft correspondence to TSG-C and TSG-A regarding AltPPP was approved for transmission by the Secretary.
- **Item D:** Draft correspondence to the IETF Liaison to 3GPP2 regarding the Proxy Mobile IP concept was approved for transmission by the Secretary.
- **Item E:** Draft correspondence to OMA regarding PoC Charging was approved for transmission by the Secretary.
- PSN remanded evolved architecture to PDS SWG. Participants indicated that they will take this as its top priority at the Maui meeting to get down to no more than two proposals.

14d. PMT: Verbal Report. An updated workplan and archive will be provided by the editor with the approved items and decisions from the PMT WG meeting in time for the next TSG-X meeting in December. X00-20061030-054 regarding TSG-S/Secretariat Workplan Questions as remanded; the updated responses will also be sent to the Secretariat.

15. Correspondence (continued)

- **X00-20061030-057** TR-45.2 ballot comments on X.P0013 (TIA-873) were remanded to PSN WG.
- **X00-20061030-058** and **-058A** Correspondence from TSG-C regarding AN Macros and RF Loss was remanded to PSN WG.
- **X00-20061030-059** Correspondence from TSG-C regarding notification of Packet Switched Video Telephony V&V was remanded to PSN WG.
- **X00-20061030-060** Correspondence from TSG-C regarding FlowPID was remanded to PSN WG.
- **X00-20061030-061** Draft correspondence to ATISNESIF NGES regarding a request for emergency services presentation was approved for transmission by the Secretary.
- **X00-20061030-062** TR-45.2 ballot comments on TIA-880 were remanded to CSN WG.
- **X00-20061030-064** Correspondence from CDG regarding the UMB brand was presented For Information.
- **X00-20061030-065** Correspondence from TSG-S to NENA regarding the December invitation to present to 3GPP2 was presented For Information.
- **X00-20061030-072R1** Draft correspondence to TSGs regarding Network Evolution discussions was approved as modified for transmission by the Secretary.
- **X00-20061030-079, -079A** and **-079B** Correspondence from CDG ETO to TSG-S regarding Comments on Release 5 was presented For Information.
- **X00-20061030-080, -080A, -080B, -080C,** and **-080D** Correspondence from TSG-S to TSGs regarding TSG-X Scope were presented For Information. The Chair took an action item to set up a conference bridge for the call scheduled for November 28, 2006.
- **X00-20061030-081** Correspondence from TSG-S regarding GBA was presented For Information.
- **X00-20061030-082** Draft correspondence to the SC Chair regarding X.P0051 (MMPS in MMD-Based Networks) was withdrawn, since TSG-S already prepared a similar correspondence.

16. Old Business

- **X00-20061030-056** The revised Editors' Manual was approved. The Secretary will post a clean version (v6.0) to the FTP site and local server in time for the next meeting.

17. Assignments

- **X00-20061030-006R1** Updated Action Item List was presented For Information.

18. Open Discussion

- The Chair expressed special thanks to Deb Barclay for the Team Building dinner on Wednesday.
- The Chair noted that TSG-X Chair and Vice Chair elections would be taking place in December. Jin Shibayama announced that he would be stepping down as Vice Chair following this term.
- All individuals interested in serving as Chair or Vice Chair must submit a letter of support to tsgx_chair@3gpp2.org or the 3GPP2 Secretariat at or before TSG-X Opening Plenary in Maui.

19. Schedule of Meetings

X00-20061030-071R1 *December 2006 TSG-X Meeting Agenda* was approved as modified.

20. Adjourn

TSG-X Closing Plenary adjourned at 9:55am local time.