

**TSG-X Plenary Meeting Report**  
**September 26-30, 2005**  
**Vancouver, BC CANADA**

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

**Vice-Chairs:** Ki Young Kim                      Jin Shibayama  
Tel: +82-31-450-1912                      Tel: +81-468-39-5414  
FAX: +82-31-450-1907                      FAX: +81-468-39-5516

**Date:** September 26-30, 2005

**Time:** Convene on September 26 at 8:00 A.M.

**Location:** The Fairmont Hotel Vancouver  
900 W. Georgia St.  
Vancouver, BC V6C 2W6 Canada

**OPENING PLENARY**

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

The TSG-X Opening Plenary in Vancouver, BC began at 8:15am on Monday, September 26, 2005. The Chair noted that Nokia would be hosting Team Building activities this week.

**2. Attendance Registration & Roll Call**

<b>Company</b>	<b>Present?</b>
ALLTEL	Present
Bridgewater Systems Corporation	Present
Cisco Systems	Present
Comverse	Present
Ericsson Wireless Communications, Inc.	Present
Fujitsu, Ltd.	Present
Hitachi	Present
HP	Present
Huawei Technologies	Present
KDDI Corporation	Present
LG Electronics	Present
Lucent Technologies	Present
Motorola	Present
National Communications Systems	Present
NEC Corporation	Present
Nextel Communications	
Nokia	Present
Nortel Networks	Present
QUALCOMM, Inc.	Present
Research In Motion	Present
Samsung Electronics	
Siemens	Present
Sprint	Present
Starent Networks	Present
Telcordia	Present
TeleCommunication Systems, Inc.	Present
US Cellular	Present
Verizon Wireless	Present

**OTHERS PRESENT:**

Company	Present?
Airvana	
Bell Mobility	Present
Bridgeport Networks	Present
Camiant	
IDT Spectrum	
Kyocera	Present
OKI Electric Industry	Present
RITT	Present
SK Telecom	
Unicom Networks (Tech Writer)	Present

20 of the 28 Quorum members were present at Opening Plenary.

**3. Introduction and Numbering of Contributions**

The following documents were numbered and assigned to the agenda:

Document # (20050926-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
000R3	Contribution Log	Chair		For Information
001R1	TSG-X Sept Meeting Notice	Chair	4	Approved
002	July 2005 TSG-X Meeting Report	Chair	5	Approved
003	Workplan	PMT Chair	8g.i	Approved; Remanded to ERA, CSN, PSN WGs
003B	Workplan Archive	PMT Chair	8g.i	Approved; Remanded to ERA, CSN, PSN WGs
004	Previous Month Outgoing Correspondence	Secretary	6	For Information
005R1	2005-2006 Meeting Schedule	Chair	9a, 19	For Information
006, 006R2	Action Item List	TSG-X Vice Chair	9b, 16	For Information
007	TSG-C to TSG-A re Band Class Issues	TSG-C	6	For Information
008	TSG-C to TSG-A re CLIP	TSG-C	6	For Information
009	TSG-C re QoS	TSG-C	6	Remanded to PSN WG
010	TSG-C re Band Class-Subclass Issues	TSG-C	6	Remanded to CSN WG
011	TSG-C re WiFi Alliance Liaison Input	TSG-C	6	Remanded to WiFi Liaison for Response at Closing Plenary
012	TSG-S to TSG-A-C re Enhanced cdma2000 SRD Discussions	TSG-S	6	For Information
012A	Gameplan for Enhanced cdma2000 SRD	TSG-S	6	For Information
012B	TSG-C to TSG-S re E-PDAI SRD	TSG-S	6	For Information
012C	Enhanced cdma2000 Packet Data Air Interface SRD v0.02 WG3 Comments	TSG-S	6	For Information
013	TSG-S to MRPs re Enhanced cdma2000 SR-TF	TSG-S	6	For Information
013A	TSG-S to TSG-A-C re Enhanced cdma2000 SRD	TSG-S	6	For Information
013B	Gameplan for Enhanced cdma2000 SRD	TSG-S	6	For Information
013C	TSG-C to TSG-S re E-PDAI SRD	TSG-S	6	For Information
013D	Enhanced cdma2000 Packet Data Air Interface SRD v0.02 WG3 Comments	TSG-S	6	For Information

Document # (20050926- xxx)	Title	Source	Agenda Item	Plenary Action/Decision
014	TSG-S re TSG Review for GBA	TSG-S	6	Remanded to ERA WG
014A	S.P0112 for TSG Review	TSG-S	6	Remanded to ERA WG
015	TSG-S re GBA	TSG-S	6	Remanded to CSN & PSN WGs
015A	Draft of S.P0112	TSG-S	6	Remanded to CSN & PSN WGs
015B	S.P0109 v0.2	TSG-S	6	Remanded to CSN & PSN WGs
015C	S.P0114 v0.1	TSG-S	6	Remanded to CSN & PSN WGs
016	TSG-S to TSG-A re SRD Questions	TSG-S	6	For Information
017	Aug. 30 Joint Meeting Report UIMID	CSN Chair	8e	Remanded to CSN WG
018	MEID Administrator Report – August 31, 2005	MEID Administrator	8e	Remanded to CSN WG
019	TSG-C Liaison Report Philadelphia	TSG-C	7	For Information
019A	TSG-C Liaison Report – 050906 Interim	TSG-C	7	For Information
020	TSG-A re BCMCS Issues	TSG-A	6	Remanded to PSN WG
021	Secretariat re V&V Comments on X.P0006-0	Secretariat	6	Remanded to CSN WG
022	Secretariat re V&V Comments on X.P0004-000-E v3.0	Secretariat	6	Remanded to CSN WG
023	Secretariat re V&V Comments on X.P0013-004-A	Secretariat	6	Remanded to PSN WG
024	Secretariat re V&V Comments on X.P0013-008-A	Secretariat	6	Remanded to PSN WG
025	Secretariat re V&V Comments on X.P0024-0	Secretariat	6	Remanded to CSN WG
026	Secretariat re V&V Comments on X.P0039-0	Secretariat	6	Remanded to PSN WG
027	ITU WP8F re IP Applications Over Mobile Systems	ITU	6	Remanded to PSN WG
027A	ITU Attachment re Q223	ITU	6	Remanded to PSN WG
027B	ITU re base documents to update 1457 to Revision 6	ITU	6	Remanded to PSN WG
028	TR45.2 re X.P0033-TIA-1074 Ballot Comments	TR-45.2	6	Remanded to CSN WG
029	Secretariat re V&V Comments on X.P0004-691-E v2.0	Secretariat	6	Remanded to CSN WG
030	NGNMFG LS for 3GPP2 Consideration	NGNMFG	6	Remanded to PSN WG
031	OMA re MMSG Status – Response Due 17 October	OMA Liaison	6	Remanded to PSN WG
032	Secretariat re V&V Comments on X.P0013-007-A	Secretariat	6	Remanded to PSN WG
033	TTC re V&V Comments for X.P0024-0-A	TTC	6	Remanded to CSN WG
034	TTC re V&V Comments for X.P0011-PN4732-VV2	TTC	6	Remanded to PSN WG
035	TR45.2 re X.P0006 Ballot Comments	TR-45.2	6	Remanded to CSN WG
036	Secretariat re Comment Form for X.P0011-D	Secretariat	6	Remanded to PSN WG
037	TR-45.2 re TIA-873.007-A V&V Ballot Comments	TR-45.2	6	Remanded to PSN WG
038	TR-45.6 re TIA-835-D re-Ballot Comments	TR-45.6	6	Remanded to PSN WG

<b>Document # (20050926- xxx)</b>	<b>Title</b>	<b>Source</b>	<b>Agenda Item</b>	<b>Plenary Action/Decision</b>
039	Hitachi re V&V Comments for X.P0011-D	Hitachi	6	Remanded to PSN WG
040	UIM Admin Report – August 31, 2005	UIM Administrator	8e	Remanded to CSN WG
041	TSG-C re DM Notification Teleservice	TSG-C	6	Remanded to CSN WG
042	TSG-C to TSG-S re ADV Encryption	TSG-C	6	For Information
043R2	TSG-X Draft Corr re Rescind N.S0020	Chair	6	043 Held Open Until Closing; 043R2 Approved for Transmission by the Secretary
044	TTC re V&V Comments for X.P0013-007-A	TTC	6	Remanded to PSN WG
045	PSN Report	PSN Chair	8f	Corr Approved for Transmission to TSG-C
046	Secretariat re WPAH Drafting Rules Topics	Secretariat	6	Remand to Editors Group for Discussion
047	SC Chair re Meeting Planning – Informal Group Recommendations	SC Chair	6	For Information
048	TSG-S Liaison Report July 2005 – Philadelphia	TSG-S	7	For Information
049	TTC re V&V Comments on X.P0039-0	TTC	6	Remanded to PSN WG
050	Response to TSG-C reply re E-PDAI SRD Comments	TSG-S	6	For Information
050A	Response to TSG-C Corr to TSG-S re E-PDAI SRD	TSG-S	6	For Information
050B	Enhanced cdma2000 Packet Data Air Interface SRD v0.03 Word	TSG-S	6	For Information
050C	Enhanced cdma2000 Packet Data Air Interface SRD v0.03 PDF	TSG-S	6	For Information
051	TSG-S re S.P0111-0 Comments	TSG-S	6	Remanded to ERA WG
052	WITHDRAWN			
053A	X.S0004-000-E for SC Approval	CSN Chair	8e	Approved
053B	X.S0004-400 for SC Approval	CSN Chair	8e	Approved
053C	X.S0004-6xx for SC Approval	CSN Chair	8e	Approved
054	Secretary re Contributions in Memory of Eileen McGrath Hadwen's husband	Secretary	6	For Information
055	IEEE re Request for comments on IEEE 802.11u Requirements Document Cover	Chair	6	Remanded to ERA WG
055A	IEEE re Document IEEE 802.11-050822r3	Chair	6	Remanded to ERA WG
056R1	IETF Dependency Table	IETF Liaison	7	Approved
057	Liaison from IETF re NAT Firewall Signaling Protocol	IETF Liaison	7	Remanded to PSN WG
058	Comments from KDDI on X.P0013-004-A	KDDI	6	Remanded to PSN WG
059	Comments from KDDI on X.P0013-008-A	KDDI	6	Remanded to PSN WG
060	PSN Report	PSN Chair	14c	Approved
061	TSG-A to C and X re Class-Subclass	TSG-A	15	Remanded to CSN WG
062	TR-45.2 re PN-3-4935.008-RV1 TIA-873.008-A Ballot Summary	TR-45.2 Chair	15	Remanded to PSN WG

Document # (20050926-xxx)	Title	Source	Agenda Item	Plenary Action/Decision
062A	Motorola Comments re PN-3-4935.008-RV1 TIA-873.008-A	Motorola	15	Remanded to PSN WG
063	TR-45.2 re TIA-41.691-E-1 Ballot Summary	TR-45.2	15	Remanded to CSN WG
064	Tr-45.2 re TIA-41.000-E-2 Ballot Summary	TR-45.2	15	Remanded to CSN WG
065	ERA Report	ERA Chair	14a	Approved
066R1	Corr to TSG-S re Stage 1s and SRDs	ERA Chair	14a	Approved as Modified
067	Proposed Response to SC Action Item 2005/06-10	Editors	16	Approved
068	TSG-S WG1 re Enhanced cdma2000 SRD Joint TSG MtgSum-050927	TSG-S	15	For Information
068A	Enhanced cdma2000 Packet Data Air Interface SRD v0[1].03	TSG-S	15	For Information
069	TSG-C re IP Activities	TSG-C	14c	For Information
070R1	Liaison to IEEE	ERA Chair	14a	Approved as Modified
071R1	Liaison to TSG-S	ERA Chair	14a	Approved as Modified for Transmission by the Secretary
072R1	TSG-X October Agenda – Beijing	Chair	19	Approved as Modified
073	CSN Contribution Status Log	CSN Chair	14b	For Information
074	CSN WG Report to TSG-X	CSN Chair	14b	Approved
075	X.S0008-0 v2.0 for SC Approval and Publication and Correspondence to TR-45.2	CSN Chair	14b	Approved
076	X.S0030 for SC Approval and Publication	CSN Chair	14b	Approved
077	X.S0033 for SC Approval and Publication and Correspondence to TR-45.2	CSN Chair	14b	Approved
078R1	Corr to TSG-C re DM Notification Teleservice	CSN Chair	14b	Approved
079R2	TSG-X Draft Corr re Input to WiFi Alliance	WiFi Alliance Liaison	15	Approved as Modified for Transmission by the Secretary
080	TSG-S Corr re NGNMFV Corr	TSG-S	15	For Information
081	TSG-X Draft Corr re X.S0008-0 v2.0	CSN Chair	14b	Approved
082R1	Draft Corr to SC re IETF References	PSN Chair	14c	Approved as Modified

#### 4. Agenda Review and Approval

**X00-20050926-001** *Vancouver Meeting Notice was approved.*

#### 5. Review Previous Meeting Summary

Document **X00-20050926-002** *Philadelphia Meeting Summary* was presented by the Chair and approved without objection.

#### 6. Correspondence

The following correspondences were received and discussed at the Opening Plenary:

- **X00-20050926-004**
- **X00-20050926-007 through –016**
- **X00-20050926-020 through –039**
- **X00-20050926-041 through –044**
- **X00-20050926-046 through –047**

- **X00-20050926-049 through -051**
- **X00-20050926-054 through -055**
- **X00-20050926-058 through -059**

Please refer to Section 3 for Actions/Decisions.

## **7. Liaison Reports**

Steering Committee: None.

TSG-A: None.

TSG-C: **X00-20050926-019 and -019A**. The TSG-C Liaison Report from July 2005 and the Interim Plenary Report from September 2005 were presented For Information.

TSG-S: **X00-20050926-048**. The TSG-S Liaison Report from July 2005 was presented For Information.

SDO: None.

IFAST: While no contribution, it was noted that the IFAST lawsuit is in mediation with hopes of a resolution in the November/December timeframe.

IETF: **X00-20050926-056R1 and -057**. The IETF Dependency Table was approved as modified, and the liaison regarding RFCs was remanded to the PSN WG.

WiFi Alliance: None.

## **8. Working Group Status**

**8d. ERA**: None.

### **8e. CSN:**

**X00-20050926-017**: The Joint Meeting on UIMID report from August 30, 2005 was remanded to CSN WG.

**X00-20050926-018**: The MEID Administrator Report was remanded to CSN WG.

**X00-20050926-040**: The UIM Administrator Report was remanded to CSN WG.

**X00-20050926-053**: Documents X.S0004-E parts 000, 400, and 6xx were approved for 15-Day SC Approval and Publication.

### **8f. PSN:**

**X00-20050926-045** Draft correspondence to TSG-C regarding a proposed response to the ITU-R liaison was approved for transmission by the Secretary.

### **8g. PMT:**

**X00-20050926-003 and -003B** Updated workplan and archive, [X00-20050718-003BR1 TSG-X SDO Workplan Archive and X00-20050718-003R1 TSG-X SDO Workplan] were approved. The PMT chair will provide clean copies [X00-20050926-003 and -003B] following opening plenary for WG reference.

## **9. Old Business**

**9a. X00-20050926-005** 2005-2006 Meeting Schedule was presented For Information. Information for China and 2006 will be updated and **-005R1** will be presented at Closing Plenary.

**9b. X00-20050926-006** Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

## **10. New Business**

## **11. Recess**

Opening Plenary was recessed at 11:00am local time until Closing Plenary Friday morning, September 30.

## **CLOSING PLENARY**

### **12. Reconvene**

Closing Plenary convened at 8:52am local time on Friday, September 30, 2005.

**13. Liaison Reports:** None.

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

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

#### **14a. ERA:**

- **X00-20050926-065** ERA Report was approved.
- **X00-20050926-066R1** Correspondence to TSG-S re: Stage 1s and SRDs for review was approved as modified for transmission by the Secretary
- **X00-20050926-070R1** Correspondence to IEEE 802.11 regarding a request for comments on a requirements document was approved as modified for transmission by the Secretary.
- **X00-20050926-071R1** Draft correspondence to TSG-S proposing a UIMID joint meeting in October was approved as modified for transmission by the Secretary
- The template editor was requested to update the correspondence template to remove hidden text.

#### **14b: CSN:**

- **X00-20050926-074** The CSN Report was approved. In particular, X.S0008-0 v2.0 was approved for SC Approval and Publication pending an editorial review by October 14, 2005; X.S0033-0 v1.0 was approved for SC Approval and Publication pending an editorial review by October 10; document X.P0031 was approved to be sent to the archive due to lack of interest in moving the project forward.
- **X00-20050926-075** Draft correspondence to TR-45.2 regarding the intent to publish X.S0008-0 v2.0 was approved for transmission by the Secretary.
- **X00-20050926-076** X.S0030-0 v1.0 was approved for SC Approval and Publication and draft correspondence to TR-45.2 was also approved for transmission by the Secretary.
- **X00-20050926-077** Draft correspondence to TR-45.2 regarding the intent to publish X.S0033-0 v1.0 was approved for transmission by the Secretary.
- **X00-20050926-078R1** Draft correspondence to TSG-C in response to their request for a Teleservice Identifier was approved for transmission by the Secretary.
- **X00-20050926-073** The CSN Contribution Status Log was presented For Information.
- **X00-20050926-081R1** Correspondence to TSG-S regarding the publication of X.S0008-0 v2.0 was approved for transmission by the Secretary.

#### **14c: PSN:**

- **X00-20050926-060** the PSN report was approved (note individual Report Items below).
- **Item A:** X.P0037-0 v1.0 text was approved for R&F
- **Item B:** X.P0027-0 v1.0 text was approved for V&V review with comments due by the December TSG-X meeting.
- **Item C:** X.P0029-0 v1.0 text was approved for V&V review with comments due by the December TSG-X meeting.
- **Item D:** X.R0039-0 v1.0 was approved for 15-Day SC Approval and Publication
- **Item E:** Draft correspondence to TSG-A regarding the Architecture for VoIP HRPD Handoff to 1x Circuit was approved as modified in R4 for transmission by the Secretary.
- **Item F:** Draft correspondence to 3GPP TSG SA 2 regarding the Architecture for VoIP HRPD Handoff to 1x Circuit was approved as modified in R4 for transmission by the Secretary.
- **Item G:** Draft correspondence to TSG-C regarding support for multiple codecs in PoC was approved as modified in R2 for transmission by the Secretary.
- **Item H:** The PSN Chair proposed three new projects on Alt PPP, User Notification, and Voice Call Interoperability. All were approved.

- **X00-20050926-082R1** Draft correspondence to the Steering Committee regarding IETF references was approved as modified for transmission by the Secretary.
- **X00-20050926-069** Correspondence from TSG-C regarding IP activities was presented For Information. While TSG-C suggests that TSG-X cannot correspond directly with ITU-R, it was noted that Article 52 of the WPD allows liaisons directly to ITU from 3GPP2 TSGs.
- **X00-20050926-045 (open from Opening Plenary):** Draft correspondence to ITU WP8F was approved as modified for transmission by the Secretary immediately following Closing Plenary.
- In the PSN report, there are two bullets in response to contribution –031 that are to be included in the TSG-X report to the Steering Committee, as they are to facilitate the SC reply to OMA on MMSG. The text includes:
  - X.P0016 is currently waiting for assignment of RFC numbers for two Internet drafts: *draft-gellens-mime-bucket*; and *draft-ietf-lemonade-mms-mapping*.
  - Per SC Guidance, references to OMA documents will not preclude recommendation for publication.

**14d: PMT:** None.

#### 15. Correspondence (continued)

- **X00-20050926-043R2** regarding the TSG-X draft correspondence to rescind N.S0020 was approved as modified for transmission by the Secretary
- **X00-20050926-061** correspondence from TSG-A to TSG-C and TSG-X regarding the Band Class-Subclass issues was remanded to CSN WG.
- **X00-20050926-062 and –062A** from TR-45.2 regarding comments on X.P0013-008 was remanded to the PSN WG.
- **X00-20050926-063 and –064** from TR-45.2 regarding V&V comments on X.P0004 parts 000 and 691 were remanded to the CSN WG.
- **X00-20050926-068 and –068A** regarding the TSG-S report on the Joint Meeting on Enhanced cdma2000 this week was presented For Information.
- **X00-20050926-79R2** draft correspondence regarding TSG-C Input to WiFi Alliance was approved as modified for transmission by the Secretary.
- **X00-20050926-080** correspondence from TSG-S regarding the NGNMFG liaison was presented For Information, since TSG-X did not have a response.

#### 16. Old Business

Contribution **X00-20050926-067** regarding the Proposed Response to SC Action Item 2005/06-10 was approved, and it will be attached to the TSG-X Report to the Steering Committee in October in Beijing.

#### 17. Assignments

None.

#### 18. Open Discussion

- The Chair thanked Inma Carrion of Nokia for coordinating this month's Team Building activity. Photos from the evening can be found on the FYA folder on the server.

#### 19. Schedule of Meetings

Contribution **X00-20050926-005R1** *2005-2006 Schedule of Meetings* was presented For Information.

In addition, document **X00-20050926-072R1** *October 2005 TSG-X Meeting Notice* was approved as modified.

#### 20. Adjourn

TSG-X Closing Plenary adjourned at 10:52am local time.