

**TSG-X Plenary Meeting Report
February 20-24, 2006
Jeju, Korea**

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Date: February 20-24, 2006

Time: Convene on February 20 at 8:00 A.M.

Location: The Jeju Shilla
3039-3 Saekdal-dong, Seoguipo-si
Jeju-do, 697-130 Republic of Korea

OPENING PLENARY

1. Call to Order & Opening Remarks

The TSG-X Opening Plenary in Jeju, Korea began at 8:15am on Monday, February 20, 2006. The Chair noted that LG Electronics would be organizing Team Building activities this week, and interested parties are requested to send an RSVP to KY Kim in time for the event on Wednesday.

2. Attendance Registration & Roll Call

| Company | Present? |
|--|-----------------|
| ALLTEL | |
| Bridgeport | |
| Bridgewater Systems Corporation | |
| Cisco Systems | Present |
| Comverse | |
| 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 | |
| NEC Corporation | Present |
| Nokia | |
| Nortel | Present |
| Oki | |
| QUALCOMM, Inc. | Present |
| Research In Motion | |
| Samsung Electronics | |
| Siemens | Present |
| Sprint | Present |
| Starent Networks | Present |
| Telcordia | Present |
| TeleCommunication Systems, Inc. | |
| US Cellular | Present |
| Verizon Wireless | |

OTHERS PRESENT:

| Company | Present |
|---------------------------------|---------|
| SK Telecom | Present |
| Telcaware | Present |
| Unicom Consulting (Tech Writer) | Present |

17 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 # (20060220-xxx) | Title | Source | Agenda Item | Plenary Action/Decision |
|------------------------------|--|------------|-------------|--|
| 000R3 | Contribution Log | Chair | | For Information |
| 001 | TSG-X Feb Meeting Notice | Chair | 4 | Approved |
| 002 | Jan 2006 TSG-X Meeting Report - Vancouver | Chair | 5 | Approved; Secretary to post on Website |
| 003R2 | Workplan | PMT Chair | 8d.i | Approved; Remanded to ERA, CSN, PSN |
| 003B | Workplan Archive | PMT Chair | 8d.i | Approved; Remanded to ERA, CSN, PSN |
| 004 | Previous Month Outgoing Correspondence | Secretary | 6 | For Information |
| 005, 005R1 | 2006-2007 Meeting Schedule | Chair | 9a | For Information as Modified |
| 006, 006R1 | Action Item List | Vice Chair | 9b, 17 | For Information |
| 007 | ERA Report – Opening Plenary | ERA Chair | 8a | No Report |
| 008 | CSN Report – Opening Plenary | CSN Chair | 8b | CSN Agenda and Schedule For Information |
| 009 | PSN Report – Opening Plenary | PSN Chair | 8c | Approved; Corr to TR-45.6 re: X.P0011-D approved for Transmission by the Secretary; X.P0011-C v3.0 text approved for R&F with comments due by March 27 |
| 010 | PMT Report – Opening Plenary | PMT Chair | 8d | No contribution; Oral report |
| 011 | TSG-S re S.P0006 and TIA-664 | TSG-S | 6 | For Information |
| 012 | TSG-S to TR45 re TIA-664 | TSG-S | 6 | For Information |
| 013 | TSG-S to TSG-C on S.P0087-A S.P0108-0 | TSG-S | 6 | For Information |
| 013A | S.P0087-A_v.0.8_WLAN Interworking -V&V | TSG-S | 6 | For Information |
| 013B | S.P0087-A_v.0.8_WLAN Interworking -V&V-MARKED | TSG-S | 6 | For Information |
| 013C | S.P0108-0-v.0.17_HRPD-3G1X-IOP-V&V | TSG-S | 6 | For Information |
| 013D | S.P0108-0-v.0.17_HRPD-3G1X-IOP-V&V-MARKED | TSG-S | 6 | For Information |
| 014 | TSG-S to TSGs re TSG Review S.P0113-0 | TSG-S | 6 | Remanded to ERA WG |
| 01A | S.P0113-0 v0.07 Enhanced cdma2000 SRD-TSG review | TSG-S | 6 | Remanded to ERA WG |
| 014B | S.P0113-0 v0.07 Enhanced cdma2000 SRD-MARKED | TSG-S | 6 | Remanded to ERA WG |
| 015 | TSG-S to MRPs re S.P0113-0 SRD Update | TSG-S | 6 | For Information |
| 015A | S.P0113-0_v0.07 Enhanced cdma2000 SRD-TSG Review | TSG-S | 6 | For Information |
| 015B | S.P0113-0_v0.07 Enhanced cdma2000 SRD-MARKED | TSG-S | 6 | For Information |
| 016 | TSG-S to TSGs re S.P0117-0 MMPS-TSG Review | TSG-S | 6 | Remanded to ERA WG |
| 016A | S.P0117-0 v0.02 MMPS Stage1-TSG Review | TSG-S | 6 | Remanded to ERA WG |
| 017 | TSG-S to TSGs re TSG Review of S.P0118-0 | TSG-S | 6 | Remanded to ERA WG |
| 017A | S.P0118-0 ENUM Stage_1 | TSG-S | 6 | Remanded to ERA WG |

| Document # (20060220-xxx) | Title | Source | Agenda Item | Plenary Action/Decision |
|------------------------------|--|-------------|-------------|---|
| 018 | TSG-S re SC.P2004-002 v0.2 | TSG-S | 6 | Remanded to ERA WG |
| 018A | SC.P2004-002-0 v0.2 | TSG-S | 6 | Remanded to ERA WG |
| 019 | TSG-S to TIA re S.P0110 Comments | TSG-S | 6 | For Information |
| 019A | S.P0110 V&V changes | TSG-S | 6 | For Information |
| 019B | TIA Comment Resolutions for S.P0110 | TSG-S | 6 | For Information |
| 020 | TSG-S to TSG-X re EUIMID Format | TSG-S | 6 | Remanded to ERA WG |
| 021 | TSG-S Liaison Report-0601- Vancouver | TSG-C | 7 | For Information |
| 022 | TSG-C re IETF RFC-Editor | TSG-C | 6 | Remanded to IETF Liaison |
| 023 | TSG-C re Support for 1x to HRPD Handoff | TSG-C | 6 | Remanded to PSN WG |
| 023A | Support-for-Handoff | TSG-C | 6 | Remanded to PSN WG |
| 024 | TSG-C to TSG-A re DOS via DBM | TSG-C | 6 | For Information |
| 024A | DOS via Databurst | TSG-C | 6 | For Information |
| 025 | TSG-C re C.S0037 Wireless IP Sig Conformance | TSG-C | 6 | Remanded to PSN WG |
| 026AR1 | TR45.2 re TIA-1074 Ballot Summary Extended | TR-45.2 | 6 | Remanded to CSN WG |
| 026BR1 | TIA-1074 Ballot Comments – Qualcomm Extended | TR-45.2 | 6 | Remanded to CSN WG |
| 026CR1 | TIA-1074 Ballot Comments – Nokia Extended | TR-45.2 | 6 | Remanded to CSN WG |
| 027 | TSG-A Corr to TSG-C re Rev-B Message Flows | TSG-A | 6 | For Information |
| 027A | TSG-A Corr to TSG-C on rev-B message flows | TSG-A | 6 | For Information |
| 028 | TSG-C Liaison Report-0601- Vancouver | TSG-C | 7 | For Information |
| 029 | OMA0076 to 3GPP-PP2 re Support for PoC Perf Enh - 20060127-A | OMA | 6 | For Information |
| 029A | OMA-RD-PoC-V2_0-20060112- D-clean | OMA | 6 | For Information |
| 030R2 | TSG-X Report to SC 02-2006 | Chair | 7, 16 | Approved as Modified at Closing Plenary |
| 031 | Editor's Manual Update- PDF Page Numbers (Qualcomm) | QUALCOMM | 10a, 16 | Carried Forward to March meeting to enable review and discussion |
| 032R1 | TSG-X Publication Cover Page | Tech Editor | 10b, 16 | Approved at Closing Plenary; Secretary to post to Templates folder on ftp server |
| 033R1 | Incoming ITU-R WP8F re a PDNR ITU-R M [IP CHAR] | ITU-R WP8F | 6 | Remanded to PSN WG |
| 034R1 | TSG-C Corr to TSG-X re EUIMID | TSG-C | 6 | Remanded to ERA WG |
| 035 | Secretariat re X.P0037-0 v1.0 VV Comments | Secretariat | 10c | Remanded to PSN WG |
| 036 | Secretariat re X.P0004-000-E v4.0 VV Comments | Secretariat | 10c | Remanded to CSN WG |
| 037 | Secretariat re X.P0004-200-E v1.0 VV Comments | Secretariat | 10c | Remanded to CSN WG |
| 038 | Secretariat re X.P0004-290-E v1.0 VV Comments | Secretariat | 10c | Remanded to CSN WG |
| 039 | Jeju A-X Joint Mtg Agenda CSN- Chair | CSN Chair | 8b | For Information |
| 040 | Secretariat re 200602 TSG-X Workplan Contribution Cover | Secretariat | 8di | Remanded to PMT WG |

| Document # (20060220-xxx) | Title | Source | Agenda Item | Plenary Action/Decision |
|------------------------------|---|-------------|-------------|--|
| 041 | OMA-LS_0085 re Deletion of MM Msgs on MMS Relay Server-20051026-A | OMA MMSG | 6 | Remanded to PSN WG |
| 042 | Nokia Letter to 3GPP2 | Nokia | 6 | For Information |
| 043 | IETF Liaison Report | QUALCOMM | 6, 14c | Approved at Closing Plenary; To be included in final report to SC |
| 044 | ERA Report | ERA WG | 14a | Approved |
| 045 | Liaison to TSG-S on TSG-S Work Items | ERA WG | 14a | Approved for Transmission by the Secretary |
| 046 | Corr to TSG-C re new Stage 1 for PPP FOP | ERA WG | 14a | Approved for Transmission by the Secretary |
| 047 | Chair-PSN Report-Closing | PSN WG | 14c | Approved |
| 048 | Secretariat re WPD Drafting Rules Topics FYI | Secretariat | 15 | Remanded to ERA; Secretary to check with Secretariat on status update |
| 049 | CSN WG report Feb CSN-Chair | CSN WG | 14b | Approved |
| 050 | CSN Contribution Status Log Feb 2006 CSN-Chair | CSN WG | 14b | For Information |
| 051 | Corr to TSG-S re GBA specs CSN-Chair | CSN WG | 14b | Approved for Transmission by the Secretary |
| 052 | XP0002 v2 V&V CSN-Chair | CSN WG | 14bi | X.P0002-0 v2.0 approved for V&V with comments due by April meeting; Correspondence to TR-45.2 Approved for Transmission by the Secretary |
| 053 | XP0004-322-E R&F CSN-Chair | CSN WG | 14bii | Approved for R&F |
| 054 | XP0004-323-E R&F CSN-Chair | CSN WG | 14biii | Approved for R&F |
| 055 | XP0004-321-E V&V CSN-Chair | CSN WG | 14biv | X.P0004-321-E approved for V&V with comments due by April meeting; Correspondence to TR-45.2 Approved for Transmission by the Secretary |
| 056 | XS0025 publication CSN-Chair | CSN WG | 14bv | X.S0025-0 v1.0 approved for 15-Day SC Review and Publication; Correspondence to TR-45.2 Approved for Transmission by the Secretary |
| 057 | XS0033 v2 publication CSN-Chair | CSN WG | 14bvi | X.S0033-0 v2.0 approved for 15-Day SC Review and Publication; Correspondence to TR-45.2 Approved for Transmission by the Secretary |
| 058 | TR45.6 Corr to TSG-X re X.P0011-D | TR-45.6 | 15 | For Information |
| 059R1 | TSG-X March Meeting Agenda | Chair | 19 | Approved as Modified |
| 060 | TSG-S re SC[1].R2004-002 v0.2 | TSG-S | 15 | Remanded to ERA |
| 060A | SC[1].R2004-002-0 v0.3 Release4 SRG | TSG-S | 15 | Remanded to ERA |
| 061 | TSG-S re Expanded UIMID Format Position | TSG-S | 15 | For Information |
| 062 | TSG-S Joint Teleconference re PoC Performance Targets | TSG-S | 15 | For Information |
| 062A | OMA-LS 0076 to 3GPP-PP2 Req Support for PoC Perf Enh-20060127-A | TSG-S | 15 | For Information |

4. Agenda Review and Approval

X00-20060220-001 *Jeju Meeting Notice* was approved.

5. Review Previous Meeting Summary

Document X00-20060220-002 *Vancouver Meeting Summary* was presented by the Chair and approved without objection.

6. Correspondence

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

- **X00-20060220-004**
- **X00-20060220-011 through -020**
- **X00-20060220-022 through -027**
- **X00-20060220-029, -033R1, and -034R1**
- **X00-20060220-041 through -043**

Please refer to Section 3 for Actions/Decisions.

7. Liaison Reports

Steering Committee: **X00-20060220-030** The TSG-X Report to the Steering Committee was carried forward to Closing Plenary.

TSG-A: None.

TSG-C: **X00-20060220-028** The TSG-C Liaison Report from January 2006 was presented For Information.

TSG-S: **X00-20060220-021** The TSG-S Liaison Report from January 2006 was presented For Information.

SDO: None.

IFAST: None.

IETF: None.

WiFi Alliance:

8. Working Group Status

8a. ERA: No Report.

8b. CSN: The CSN Chair presented **X00-20060220-008**, the CSN agenda and schedule, For Information. Contribution **X00-20060220-039** The agenda for the Joint Meeting with TSG-A on Inter-MS-Cross-paging from HRPD was presented For Information.

8c. PSN: **X00-20060220-009** The PSN Agenda and Schedule was approved. In addition, contribution **X00-20060220-009A** Correspondence to TR-45.6 regarding X.P0011-D v1.0 text was approved for transmission by the Secretary. **X00-20060220-009B** X.P0011-C v3.0 text was recommended and approved for R&F. Comments are requested by the March TSG-X meeting.

8d. PMT: **X00-2006116-003R2** and **-003B** Updated workplan and archive, [X00-20060116-003B TSG-X SDO Workplan Archive and X00-20060116-003R2 TSG-X SDO Workplan] were approved. The PMT Chair will provide clean copies [X00-20060220-003 and -003B] following opening plenary for WG reference. In addition, contribution **X00-20060220-040** regarding TSG-S/Secretariat Workplan Questions was remanded to PMT.

9. Old Business

9a. X00-20060220-005 2006-2007 Meeting Schedule was presented For Information. Slight modifications were inserted and can be found in **-005R1**.

9b. X00-20060116-006 Action Item List was presented For Information. WG Chairs were asked to review and provide updates, as appropriate.

10. New Business

10a. X00-20060220-031 Editor's Manual update proposal was carried forward until Closing Plenary to give enough time for members to evaluate and discuss.

10b. X00-20060220-032 A revised publication cover page was presented by the technical editor. This document was carried forward until Closing Plenary in order to incorporate member comments.

10c. Contribution **X00-20060220-035** Secretariat V&V comments on X.P0037-0 v1.0 was remanded to PSN WG. Contribution **X00-20060220-036** Secretariat V&V comments on X.P0004-000-E v4.0 was remanded to CSN WG. Contribution **X00-20060220-037** Secretariat V&V comments on X.P0004-200-E v1.0 was remanded to CSN WG. Contribution **X00-20060220-038** Secretariat V&V comments on X.P0004-290-E v1.0 was remanded to CSN WG.

11. Recess

Opening Plenary was recessed at 9:50am local time until Closing Plenary on Friday, February 24.

CLOSING PLENARY

12. Reconvene

Closing Plenary convened at 8:54am local time on Friday, February 24, 2006.

13. Liaison Reports:

None.

14. Working Group Status

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

14a. ERA:

- **X00-20060220-044** ERA Report was approved.
- **X00-20060220-045** Correspondence to TSG-S on Work Items was approved for transmission by the Secretary.
- **X00-20060220-046** Correspondence to TSG-S on a new Stage 1 for PPP FOP was approved for transmission by the Secretary.

14b. CSN:

- **X00-20060220-049** The CSN WG Report was approved.
- **X00-20060220-050** The Contribution Status Log was presented For Information.
- **X00-20060220-052** X.P0002-0 v2.0 text was approved for V&V Review with comments due by the beginning of the April TSG-X meeting. Related draft correspondence was approved for transmission to TR-45.2 by the Secretary.
- **X00-20060220-055** X.P0004-321-E v1.0 text was approved for V&V Review with comments due by the beginning of the April TSG-X meeting. Related draft correspondence was approved for transmission to TR-45.2 by the Secretary.
- **X00-20060220-057** X.S0033-0 v2.0 text was approved for 15-Day Steering Committee Review and Publication. Related draft correspondence was approved for transmission to TR-45.2 by the Secretary.
- **X00-20060220-056** X.S0025-0 v1.0 text was approved for 15-Day Steering Committee Review and Publication. Related draft correspondence was approved for transmission to TR-45.2 by the Secretary.
- **X00-20060220-053** X.P0004-322-E v1.0 text was approved for R&F.
- **X00-20060220-054** X.P0004-323-E v1.0 text was approved for R&F.
- **X00-20060220-051** Correspondence to TSG-S regarding GBA was approved for transmission by the Secretary (Note that **-051** supersedes **X00-20060116-044G**). The Chair noted that TSG-X should consider how to package GBA specifications, either as a consolidated document or as separate enhancements.

14c. PSN:

- **X00-20060220-047** The PSN report was approved (note individual Report Items below).
- **Item A:** X.S0011-D v1.0 (parts -001, -002, -003, -004, -005, and -006) was approved for 15-Day SC Review and Publication.
- **Item B:** Correspondence to TR-45.6 providing comment resolution on X.P0028-0 v1.0 was approved for transmission by the Secretary.
- **Item C:** X.P0013-009-0 v1.0 text was approved for R&F with comments due at the March meeting.
- **Item D:** A new project has been approved for HRPD Fast Handoff – X.P0043-0 v1.0. Project X.P0011-D v2.0 has been cancelled as a result. The Secretary will create a new Project folder on the local and ftp server to host this document.
- **Item E:** Correspondence to TSG-C regarding C.S0037 updates was approved as modified for transmission by the Secretary.

- **Item F:** The updated IETF Dependencies List was presented and approved. The Secretary will update the Website with the new draft.
- PSN WG has agreed to retain an archive of comment resolutions from OMA for X.S0016 (MMS) until resolution is reached from the Steering Committee. The Chair also took an action to retrieve the missing attachment from **X00-20060220-041** from OMA.

14d. PMT: Verbal Report. An updated workplan and archive will be provided by the editor with the approved items included in time for the TSG-X Report to the Steering Committee on February 27.

15. Correspondence (continued)

- **X00-20060220-048** Correspondence from the Secretariat regarding Drafting Rules Topics was remanded to ERA. The Secretary will check with the Secretariat on a status update.
- **X00-20060220-058** Correspondence from TR-45.6 outlining changes to X.P0011-D was presented For Information. PSN received these changes in advance and have included them in the documents now ready for 15-Day SC Review and Publication.
- **X00-20060220-060** and **-060A** Correspondence from TSG-S regarding the March SRG Review Meeting was remanded to ERA. A volunteer is being sought to represent the TSG-X position at this meeting. The PMT Chair also agreed to provide a contribution with updates per the current workplan. Any other members with comments should bring them to the March meeting.
- **X00-20060220-061** TSG-S correspondence on EUIMID Format was presented For Information.
- **X00-20060220-062** and **-062A** TSG-S correspondence regarding a joint call on PoC performance targets was presented For Information.

16. Old Business

- **X00-20060220-030R2** The TSG-X Report to the Steering Committee was approved as modified for presentation to the Steering Committee next week.
- **X00-20060220-031** Editor's Manual Revisions was carried forward to the next TSG-X meeting in Dallas. The Chair will send a note to the TSG-X exploder to remind participants to test the new changes.
- **X00-20060220-032R1** The revised TSG-X publication cover page was approved, and the Secretary will post the updated file to the Templates folder on the local and ftp servers.

17. Assignments

X00-20060220-006R1 Updated Action Item List was presented For Information.

18. Open Discussion

- The Chair expressed special thanks to KY Kim and LG Electronics again for organizing this week's Team Building dinner.

19. Schedule of Meetings

X00-20060220-059R1 *March 2006 TSG-X Meeting Notice* was approved as modified.

Nortel has volunteered to organize Team Building activities at the March meeting in Dallas. In addition, the Chair noted contribution **X00-20060220-005R1** and invited additional volunteers to sign up for open Team Building months later this year.

20. Adjourn

TSG-X Closing Plenary adjourned at 10:31am local time.