

3GPP2 TSG-A: Access Network Interfaces Meeting Summary #137 – Seattle, Washington

DATE: January 24, 2011
LOCATION: Seattle, Washington
PRESIDING: Dr. Xiaowu (Frankle) Zhao, Chair

OPENING PLENARY

1. TSG-A Opening Remarks by TSG-A Chair

The TSG-A Chair, Dr. Xiaowu (Frankle) Zhao, conducted the Access Network Interfaces TSG (TSG-A) plenary meeting sessions as follows (times are in local time):

- Opening plenary 09:15 - 10:50, Monday, January 24, 2011.
- Interim plenary 11:20 - 11:30, Monday, January 24, 2011.
- Closing plenary 9:00 - 10:00, Friday, January 28, 2011.

2. Introduction and Attendance Registration

Dr. Zhao conducted a roll call of member companies. 12 of 14 quorum members responded as present, for 85.7% quorum. Refer to the quorum list in [section 12](#) for details. Attendance, including representatives on the electronic sign-in roster, was recorded as follows.

| Company | Name | E-mail |
|-------------------------------|-----------------------------|--|
| Alcatel-Lucent | Satish Kanugovi | satish.k@alcatel-lucent.com |
| Alcatel-Lucent | Mike Dolan | Mike.Dolan@alcatel-lucent.com |
| China Telecom | Li Wenyi | liwenyi@gsta.com |
| Eileen McGrath Communications | Eileen McGrath | eileen.m.mcgrath@mac.com |
| Ericsson | Marvin Bienn | marvin.bienn@ericsson.com |
| Ericsson | Ahmad Muhanna | ahmad.muhanna@ericsson.com |
| Hitachi Ltd. | Shiro Mazawa | shiro.mazawa.qg@hitachi.com |
| Huawei | Zhiming Li | lizhiming@huawei.com |
| Huawei | Gongyi Xia | xiagongyi@huawei.com |
| KDDI | Norikazu Yamasaki | nr-yamasaki@kddi.com |
| Motorola Mobility | Xiaomei He | doris.he@motorola.com |
| Motorola Solutions | Scott Marin | s.marin@motorolasolutions.com |
| Motorola Solutions | Naveen Arulselvan | Naveen.a@motorolasolutions.com |
| NEC | Tatsushi Yagi | yagi.tt@ncos.nec.co.jp |
| Nokia Siemens Networks | Victor Coello | victor.coello@nns.com |
| Qualcomm | Peerapol Tinnakornsriruphap | peerapol@qualcomm.com |
| Qualcomm | David Ott | dott@qualcomm |
| Tatara Systems | Phil Brown | pbrown@tatarasystems.com |
| Unicom Consulting | Jake Wolski | jakew@cnp-wireless.com |
| Verizon | Jingyi Zhou | ingyi.Zhou@verizonwireless.com |
| ZTE Corporation | Xiaowu Zhao | zhao.xiaowu@zte.com.cn |

3. Numbering of Contributions

The following A00-20110124-xxx documents were numbered and assigned to the listed agenda items, as follows:

| # xxx | Title | Source | Item | Plenary Action/Decision |
|---------|--|-------------------|------|---|
| 000r8 | Contribution List | Chair | 3 | FYI |
| 001r2 | Agenda | Chair | 4 | Approved, r5 provided as FYI |
| 002r0 | Meeting Summary from Previous Meeting | Chair | 5 | Approved |
| 003/A/B | Courtesy Copy of Correspondence to TIA TR-45.8 re: S.R0140-0 v1.0, Green Study V&V Comment Disposition and Publication | TSG-S | 6 | FYI |
| 004/A/B | Courtesy Copy of Correspondence to TIA TR-45.8 re: S.R0141-0 v1.0 M2M Study V&V Comment Disposition and Publication | TSG-S | 6 | FYI |
| 005 | Incoming Correspondence re: Development of M2M Communication System Requirements | TSG-S | 6 | FYI |
| 006 | Courtesy Copy of Correspondence to 3GPP2 SC M2M Numbering AdHoc re: M2M Numbering Input | TSG-S | 6 | FYI |
| 007/A | Incoming Correspondence re: Results of Sunset Review of SC.P2006-002-0 System Release Guide for Release 6 on 7 December 2010 | TSG-S | 6 | Advance Remand to WG1, to attend lunch session on Tuesday |
| 008/A | Courtesy Copy of Correspondence to VP Standards & Technology, TIA re: 3GPP2 updates ITU-T Security Standards | TSG-S | 6 | FYI |
| 009/A | TSG-S Liaison Report for December/Honolulu | TSG-S | 6 | FYI |
| 010 | Courtesy Copy of Correspondence to TSG-S re: Status of TSG-C Review of 3GPP2 Work Items | TSG-C | 6 | FYI |
| 011 | Courtesy Copy of Correspondence to 3GPP2 PMT Coordinator re: TSG-C Review of Work Plan Questions | TSG-C | 6 | FYI |
| 012/A | Courtesy Copy of Correspondence to TSG-S re: List of documents with security for ITU-T | TSG-C | 6 | FYI |
| 013 | Courtesy Copy of Correspondence to 3GPP2 SC M2M Numbering AdHoc re: M2M Numbering Input | TSG-C | 6 | FYI |
| 014 | Courtesy Copy of Correspondence to ITU-T WP2/12 Chairman re: Liaison Statement COM12-LS87-E, draft new Recommendation P.863 | TSG-C | 6 | FYI |
| 015 | Courtesy Copy of Correspondence to QUALCOMM, Apple and Ericsson Research, Internet Draft Editors (RFC 4281) IETF Network Working Group re: Updated Buckets RFC | TSG-C | 6 | FYI |
| 016 | Incoming Correspondence re: Joint M2M Architectural Discussion – time extension | TSG-X | 6 | FYI |
| 017 | Courtesy Copy of Correspondence to TSG-S re: Review Comments | TSG-X | 6 | FYI |
| 018 | Courtesy Copy of Correspondence to 3GPP CT1 re: Device Identifiers for Common IMS | TSG-X | 6 | FYI |
| 019 | Courtesy Copy of Correspondence to 3GPP2 SC Chair re: TSG-X Leadership Elections | TSG-X | 6 | FYI |
| 020 | Incoming Correspondence re: LS on Display of duplicated numbers in the phone book | 3GPP SA | 6 | FYI |
| 020A | TS-22.030 Rel 9 | 3GPP SA | 6 | FYI |
| 020B | TS-22.101 Rel 10 v10.5.0 | 3GPP SA | 6 | FYI |
| 020C | TS-22.101 Rel 11 v11.0.0 | 3GPP SA | 6 | FYI |
| 021 | Incoming Correspondence re: LS on Public Warning System (PWS) | 3GPP SA | 6 | FYI |
| 022r1 | TSG-A Correspondence Template | Vice Chair, TSG-A | 8b | Approved |

| # xxx | Title | Source | Item | Plenary Action/Decision |
|-------|---|--------------------------|-----------|---|
| 023r0 | A.S0004-C v0.3 VnV Comments | Qualcomm | 7a | Remanded: v&v ad hoc |
| 024r0 | Annex F V3.1 RnF Comments | Qualcomm | 7c, 7d | Remanded: r&f ad hoc |
| 025r0 | A.S0008-C v3.1 RnF Comments | Qualcomm | 7c | Remanded: r&f ad hoc |
| 026r0 | A.S0009-C v3.1 RnF Comments | Qualcomm | 7d | Remanded: r&f ad hoc |
| 027r0 | A.S0022-A v0.3 VnV Comments | Qualcomm | 7a | Remanded: v&v ad hoc |
| 028r0 | A.S0024-A v0.7 RnF Comments | Qualcomm | 7e | Remanded: r&f ad hoc |
| 029r0 | A.S0009-C V3.1 RnF PE Comments | Vice Chair, TSG-A | 7d | Remanded: r&f ad hoc |
| 030 | TSG-C Liaison Report | Secretary, TSG-C | 6 | FYI |
| 031 | TSG-S Document Status Table | TSG-S | 6 | Remanded to WG1, FYI |
| 032 | 3GPP2 Workplan Files for TSG-A | 3GPP2 PMT Coordinator | 6 | Remanded to WG1 for Review & Response |
| 033r0 | A.S0004-C v0.3 VnV Comments | Motorola Solutions | 7a | Remanded: v&v ad hoc |
| 034r0 | A.S0022-A v0.3 VnV Comments | Motorola Solutions | 7b | Remanded: v&v ad hoc |
| 035r0 | A.S0008-C v3.1 RnF Comments | Motorola Solutions | 7c | Remanded: r&f ad hoc |
| 036r0 | A.S0009-C v3.1 RnF Comments | Motorola Solutions | 7d | Remanded: r&f ad hoc |
| 037r1 | Annex F v3.1 RnF Comments | Motorola Solutions | 7c, 7d | Remanded: r&f ad hoc |
| 038r0 | A.S0024-A v1.0 RnF Comments | Motorola Solutions | 7e | Remanded: r&f ad hoc |
| 039r0 | A.S0022-A v0.3 VnV Comments | ZTE | 7b | Remanded: v&v ad hoc |
| 040r0 | A.S0008-C v3.1 RnF Comments | ZTE | 7c | Remanded: r&f ad hoc |
| 041r0 | Working Group Chair Assignments | Chair, TSG- A | 8a | Approved |
| 042r0 | Annex F v3.1 RnF Comments | ZTE | 7c, 7d | Remanded: r&f ad hoc |
| 043r0 | A.S0008-C v3.1 RnF Comments | Huawei | 7c | Remanded: r&f ad hoc |
| 044r0 | A.S0009-C v3.1 RnF Comments | Huawei | 7d | Remanded: r&f ad hoc |
| 045r0 | Annex F v3.1 RnF Comments | Huawei | 7c, 7d | Remanded: r&f ad hoc |
| 046r0 | A.S0022-A v0.3 VnV Comments | Huawei | 7b | Remanded: v&v ad hoc |
| 047r0 | A.S0024-A v0.7 RnF Comments | Tatara Systems | 7e | Remanded: r&f ad hoc |
| 048r0 | Annex F RnF Comments | Alcatel- Lucent | 7c, 7d | Remanded: r&f ad hoc |
| 049r0 | A.S0008-C v3.1 RnF Comments | Alcatel- Lucent | 7c | Remanded: r&f ad hoc |
| 050r0 | A.S0009-C v3.1 RnF Comments | Alcatel- Lucent | 7d | Remanded: r&f ad hoc |
| 051r0 | A.S0022-A v0.3 VnV Comments | Alcatel- Lucent | 7b | Remanded: v&v ad hoc |
| 052r0 | A.S0024-A v0.7 RnF Comments | Alcatel- Lucent | 7e | Remanded: r&f ad hoc |
| 053r0 | Outgoing Corr to TSG-S re: Work Item. Stage 1, LS and SC Documents for Review | TSG-A.1 | 9 | Approved for transmittal at Interim Plenary |

| # xxx | Title | Source | Item | Plenary Action/Decision |
|------------------|---|------------------|------|---|
| 054r0 | TIA's Annual Industry Meeting: Summit & Exhibition | Cheryl Blum, TIA | 8e | FYI |
| 055[A-V]r0 | A.S0011-17-D v2.1 RnF (part Ar0 is the cover sheet, Br0~Hr0 are the Word files, Ir1~Or1 are the PDFs & Pr1~Vr1 are the comment forms); PDFs submitted for R&F. | TSG-A.3 | 8f | Document approved for R&F with comments due to Plenary March 28, 2011 |
| 056r0[A-E] | A.S0004-C v1.0 CDMA TFO publication text | V&V ad hoc Chair | 8c | Attachments D&E to SC for publication via 15-day review |
| 057r0[A-E] | A.S0022-A v1.0 HRPD-E-UTRAN IOS publication text | V&V ad hoc Chair | 8d | Attachments D&E to SC for publication via 15-day review |
| 058/A | Courtesy Copy of Correspondence to Courtesy Copy of Correspondence to MRPs re: TSG Review of S.P0139-0 v0.12 Femtocell System Overview | TSG-S | 6 | FYI |
| 059 | Incoming Correspondence re: Notification of 3GPP2 TSG-S Development of a 3GPP2 Technical Document: S.R0146-0 M2M Communication System Requirements Document | TSG-S | 6 | FYI |
| 060 | Incoming Correspondence re: Notification of 3GPP2 TSG-S Development of a 3GPP2 Technical Document: S.R0147-0 System Requirements for Unstructured Supplementary Services Data | TSG-S | 6 | FYI |
| 061 | Incoming Correspondence re: Notification of 3GPP2 TSG-S Development of a 3GPP2 Technical Document: S.R0148-0 Dynamic RAN Power Management Stage 1 | TSG-S | 6 | FYI |
| 062 | Incoming Correspondence re: Device Identifiers for Common IMS | TSG-S | 6 | FYI |
| 063/A | Incoming Correspondence re: Results of Sunset Review of SC.P2006-002-0 System Release Guide for Release 6 on 25 January 2011 | TSG-S | 6 | FYI |
| 064 | Incoming Correspondence re: Bug Fix WIs | TSG-S | 6 | FYI |
| 065/A/B/C | Incoming Correspondence re: Release of WIs for TSG Review | TSG-S | 6 | Remand to WG1 |
| 066 | Incoming Correspondence re: Interim PMT Conference Call – 9 February 2011 | TSG-S | 6 | FYI |
| 067 | Correspondence to TSG-A re: Ix IOS Femtocells | TSG-S | 6 | Remand to WG2, for Review |
| 068 | Incoming Correspondence re: Formal Review of Femtocell System Overview (note: duplicates 058) | TSG-S | 6 | FYI |
| 069 | TSG-S Liaison Report | TSG-S | 6 | Attachment A Remand to WG1, for Review |
| 070r2 | Upcoming Meeting Agenda | Chair, TSG-X | 11 | Updated for Interim Plenary |
| A00-20101206-035 | Incoming from ITU-T WP5A re: Liaison statement to External organizations on “wide area sensor and/or actuator network (WASN) systems” & cover. | ITU-T WP 5A | 6 | Closed |

| # xxx | Title | Source | Item | Plenary Action/Decision |
|------------------|--|-------------|------|-------------------------|
| A00-20101206-036 | Incoming from ITU-T WP5A re: Liaison statement to ITU-R Working party 5D, ITU-T Study groups 12, 15 and 16, and External organizations on “Quality of Service Requirements and Objectives for wireless access systems” | ITU-T WP 5D | 6 | Closed |

4. Agenda Review & Approval

- **A00-20110124-001r2** was approved as modified, r8 was provided as FYI.

5. Meeting Summaries Review and Approval

- **A00-20110124-002r0**: the TSG-A December Meeting Summary was approved as written.

6. Correspondence and Liaisons

The following correspondences and liaisons were discussed at the meeting:

- **A00-20110124- contributions: 003/A/B, 004/A/B, 005, 006, 007/A, 008/A, 009/A, 010, 011, 012/A, 013, 014, 015, 016, 017, 018, 019, 020/A/B, 021, 030, 031, 032, 1206-035, 1206-36, 053r0[A,B], 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069**

The following correspondence were approved for transmission:

| Original Plenary Contribution Number | Description | Source | Status | List of Outgoing Correspondence ¹ |
|--------------------------------------|---|--------|--------------------------|--|
| A00-20110124-053r0 /A/B | Outgoing Correspondence to TGS-S re: Work Item, Stage 1, LS and SC Documents for Review | WG1 | Transmitted Jan 24, 2011 | A-01 |

Note 1: This identifier is used for cross-TSG correspondence tracking.

Refer to [Section 3](#) for additional actions/decisions.

7. Unfinished Business

7a. A.S0004-C v0.3, CDMA TFO V&V:

- **A00-20110124-023, 033** : V&V comments from Qualcomm and Motorola Solutions, respectively, were remanded for V&V processing. David Ott (Qualcomm) was appointed V&V ad hoc Chair.

7b. A.S0022-A v0.3, E-UTRAN - eHRPD IOS V&V:

- **A00-20110124-027, 034, 039, 046, 051** : V&V comments from Qualcomm, Motorola Solutions, ZTE, Huawei, and Alcatel-Lucent respectively, were remanded for V&V processing. David Ott (Qualcomm) was appointed V&V ad hoc Chair.

7c. A.S0008-C v3.1, HRPD IOS (SC/MM in the AN) R&F :

- **A00-20110124-025, 035, 040, 043, 049**: R&F comments from Qualcomm, Motorola Solutions, ZTE, Huawei, and Alcatel-Lucent respectively, were remanded to an ad hoc for R&F processing. David Ott (Qualcomm) was appointed R&F ad hoc Chair.

7d. A.S0009-C v3.1, R&F :

- **A00-20110124-026, 029, 036, 044, 050**: R&F comments from Qualcomm, TSG-A Vice-Chair, Motorola Solutions, Huawei, and Alcatel-Lucent respectively, were remanded to an ad hoc for R&F processing. David Ott (Qualcomm) was appointed R&F ad hoc Chair.

7e. Annex F v3.1 R&F :

- **A00-20110124-024, 037r1, 042, 045, 048**: R&F comments from Qualcomm, Motorola Solutions,

ZTE, Huawei, and Alcatel-Lucent respectively, were remanded to an ad hoc for R&F processing. David Ott (Qualcomm) was appointed R&F ad hoc Chair.

7f. A.S0024-A v0.7, Femtocell IOS R&F :

- **A00-20110124-028, 038, 047, 052:** R&F comments from Qualcomm, Motorola Solutions, Tata Systems, and Alcatel-Lucent respectively, were remanded to an ad hoc for R&F processing. David Ott (Qualcomm) was appointed R&F ad hoc Chair.

8. New Business

8a. Working Group Leadership Assignments (**041**): Approved

- Details on restructure of TSG-A working groups and assignments from Chair, TSG-A.

8b. Updated TSG-A Correspondence Template (**022r1**): FYI

8c. A.S0004-C v1.0 publication, **056r0[A-E]**. David Ott (Qualcomm) motioned and Scott Marin (Motorola Solutions) seconded approving the text for publication. There were no objections and the text was approved for publication pending a 15 day SC review.

8d. A.S0022-A v1.0 publication **057r0**. David Ott (Qualcomm) motioned and Scott Marin (Motorola Solutions) seconded approving the text for publication. There were no objections and the text was approved for publication pending a 15 day SC review.

8e. TIA Annual Industry Meeting : Summit & Exhibition **054r0**. FYI

8f. A.S0011-17-D v2.1 **055[A-V]** (part Ar0 is the cover sheet, Br0~Hr0 are the Word files, Ir1~Or1 are the PDFs and Pr1~Vr1 are the comment forms). PDFs approved for R&F.

9. Review Assignments

- None.

10. Next Meeting Schedule:

- Interim Plenary via Conference Call: February 17th, 2011, via GoToMeeting:

1. Please join my meeting, Thursday, February 17 at 07:30 PM EST.

<https://www1.gotomeeting.com/join/685487880>

2. Use your microphone and speakers (VoIP) - a headset is recommended. Or, call in using your telephone.

Dial +1 (914) 339-0013

Access Code: 685-487-880

Audio PIN: Shown after joining the meeting

Meeting ID: 685-487-880

- **A00-20110124-070r2:** the March meeting announcement for Seoul, Korea was presented, FYI.

11. Open Discussion

- None.

12. Adjournment

The TSG-A Closing Plenary was adjourned at 10:00AM local time on Friday, January 28, 2011. At the closing of TSG-A meeting #137, there were 12 quorum members present from the quorum list of 14 companies, in addition to a new member company attending for the 1st time. They are listed as follows:

| | Company Name¹ | Attended Tampa | Attended Honolulu | Attended Seattle⁴ |
|---|---------------------------------|-----------------------|--------------------------|-------------------------------------|
| 1 | Alcatel-Lucent | #135 | #136 | #137 |
| 2 | China Telecom | #135 | #136 | #137 |
| 3 | Ericsson | #135 | #136 | #137 |
| 4 | Hitachi | #135 | #136 | |

| | | | | |
|----|--|------|------|------|
| 5 | Huawei Technologies | #135 | #136 | #137 |
| 6 | KDDI | #135 | #136 | #137 |
| 7 | Motorola Mobility ² | #135 | #136 | #137 |
| 8 | Motorola Solutions ³ | | | #137 |
| 9 | NEC | #135 | #136 | #137 |
| 10 | Nokia Siemens Networks | #135 | #136 | #137 |
| 11 | Qualcomm | #135 | #136 | #137 |
| 13 | Sprint/Nextel | #135 | #136 | |
| 14 | Tatara Systems | #135 | #136 | #137 |
| 15 | Verizon Wireless | #135 | #136 | #137 |
| 16 | ZTE Corporation | #135 | #136 | #137 |

Note 1: 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.

Note 2: Motorola Mobility was present for their 1st meeting towards quorum, per 3GPP2 direction.

Note 3: Motorola Solutions was present for their 1st meeting and their inclusion in quorum was made based on their continuation of Motorola, Inc. attendance of meetings 135 and 136.

Note 4: Sprint and Hitachi were absent for a first occurrence in the January meeting.