

**3GPP2 TSG-A: Access Network Interfaces
Meeting Summary #150 – Guangzhou, China**

DATE: June 11, 2012
LOCATION: Guangzhou, China
CHAIR: Dr. Xiaowu (Frankle) Zhao, ZTE
VICE CHAIR: Mr. David Ott, QUALCOMM
SECRETARY: Ms. Eileen McGrath Doohan, representing 3GPP2

OPENING PLENARY

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

The TSG-A Chair conducted the Access Network Interfaces TSG (TSG-A) plenary meeting sessions as follows (times are in local time):

- Opening plenary 9:00 – 10:24 AM, Monday, June 11, 2012.
- Closing plenary 1:30 – 3:20 PM, Wednesday, June 13, 2012.

2. Introduction and Attendance Registration

Ms. Doohan conducted a roll call of member companies. 11 of 11 quorum members responded as present, for 100% quorum. Refer to the quorum list in Section “[13. Adjournment](#)” for details. Attendance was recorded as follows:

Company	Name	E-mail
Alcatel-Lucent	Mike Dolan	Mike.dolan@alcatel-lucent.com
Alcatel-Lucent	Rena Zhang	Rena.zhang@alcatel-lucent.com
China Telecom	Caiqin Zhu	zhucq@ctbri.com.cn
China Telecom	Hongmei Zhu	zhuhongmei@gsta.com
Ericsson	Marvin Bienn	Marvin.bienn@ericsson.com
Hitachi	Shiro Mazawa	shiro.mazawa.qq@hitachi.com
Huawei	Zhiming Li	lizhiming@huawei.com
KDDI	Norikazu Yamasaki	Ny-yamasaki@kddi.com
NEC	Tatsushi Yagi	Yagi.tt@ncos.nec.co.jp
Nokia Siemens Networks	Scott Marin	scott.marin@nsn.com
Nokia Siemens Networks	Shahab Sayeedi	Shahab.sayeedi@nsn.com
Qualcomm	David Ott	dott@qualcomm.com
Sprint Nextel	Bonnie Chen	BonnieChen@sprint.com
ZTE	Xiaowu Zhao	Zhao.xiaowu@zte.com.cn
ZTE	Yuanfang Yu	Yu.yuanfang@zte.com.cn
3GPP2	Eileen McGrath Doohan	eileen.m.mcgrath@mac.com

3. Numbering of Contributions

The following A00-20120611-xxx documents were numbered and assigned to the listed agenda items, as follows:

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
000	Contribution List	Secretariat	3	FYI
001	Meeting Agenda	Chair	4	R0 approved, r3 presented FYI.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
002r1	Previous Meeting Summary	Chair	5	R1 approved, clean version to be posted on server.
003	SC Report from Chicago, IL	SC Chair	6	FYI.
003A	Cover	TSG-A Secretariat	6	FYI.
004	Incoming Correspondence to TSGs dated April 19, 2012 re: TSG Review of S.R0126-A v0.4 Femtocell Systems SRD	TGS-S	6	Forwarded to TSG-A April 20, 2012, Remanded to TSG-A.1 for action by August 6, 2012.
004A	Femto Cell SRD Phase II for TSG Review	TSG-S	6	Forwarded to TSG-A April 20, 2012, Remanded to TSG-A.1 for action by August 6, 2012.
005	Courtesy Copy of Correspondence to TIA TR-45.8 dated April 19, 2012 re: V&V of S.R0148-0 Dynamic RAN Power Management Stage 1	TSG-S	6	FYI.
005A	S.R0148-0 Dynamic RAN Power Management Stage 1	TSG-S	6	FYI.
006	Incoming Correspondence to TSGs dated April 19, 2012 re: TSG Review of S.P0146-0 v0.60 M2M Communication SRD	TSG-S	6	Forwarded to TSG-A April 20, 2012 requesting comments to Opening Plenary. Closed.
006A	S.P0146-0 M2M Communication SRD	TSG-S	6	Forwarded to TSG-A April 20, 2012 requesting comments in to Opening Plenary. Closed.
007	Incoming Correspondence to TSGs dated April 19, 2012 re: EUTRAN – eHRPD Interworking Matrix Development	TSG-S	6	FYI.
008	Incoming Correspondence to TSGs dated April 19, 2012 re: Work Items for TSG Review	TSG-S	6	Remanded to TSG-A.1 on April 19, 2012 requesting feedback by Closing Plenary.
008A	Work Item 3GPP2-00306: Load Balancing between eHRPD and E-UTRAN	Sponsors	6	Remanded to TSG-A.1 on April 19, 2012, requesting feedback by Closing Plenary.
008B	Work Item 3GPP2-00307: eHRPD Connectivity and Interworking Technical Corrections and 3GPP Release 9 Enhancements in X.S0057-A v2.0	Sponsors	6	Remanded to TSG-A.1 on April 19, 2012 requesting feedback by Closing Plenary.
008C	Work Item 3GPP2-00308: System Enhancements for Packet M2M	Sponsors	6	Remanded TSG-A.1 on April 19, 2012 requesting feedback by Closing Plenary.
008D	Work Item Tracking List	TSG-S	6	Remanded TSG-A.1 on April 19, 2012 as FYI.
009	Courtesy Copy of Correspondence to TIA TR-45.8 dated April 19, 2012 re: TIA Legal Comments on TSG-1213/S.R0139-0 v1.0	TSG-S	6	FYI.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
010	Courtesy Copy of Correspondence to 3GPP2 OPs dated April 19, 2012 re: Notification of 3GPP2 TSG-S Development of a 3GPP2 Technical Document, S.R0151-0 EUTRAN – eHRPD Interworking Matrix Technical Report	TSG-S	6	FYI.
011	TSG-S Liaison Report for April 2012, Chicago, IL, USA	TSG-S	6	FYI.
012	Courtesy Copy of Correspondence to TGS-S dated April 20, 2012 re: Review Items	TSG-X	6	FYI.
013	Courtesy Copy of Correspondence dated April 20, 2012 to ITU-T SG11 re: Request for Feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendations	TSG-X	6	FYI.
013A	Proposed changes to Supplement 62 to ITU-T Q series Recommendations	TSG-X	6	FYI.
014	Courtesy Copy of Correspondence to ITU-R WP5A dated April 20, 2012 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”	TSG-C	6	FYI.
014A	Liaison Statement to External Organizations – Invitation to Review the Working Document Towards the Revision of Report ITU-R M.2014-1	TSG-C	6	FYI.
015	Courtesy Copy of Correspondence to TSG-S dated April 20, 2012 re: Work Item Review	TSG-C	6	FYI.
016	Courtesy Copy of Correspondence to TSG-S dated April 20, 2012 re: System Release 7	TSG-C	6	FYI.
017	Courtesy Copy of Correspondence to TSG-X dated April 20, 2012 re: Proposed Changes to Q series Recommendations	TSG-C	6	FYI.
017A	Proposed changes to ITU-T draft revised Supplement TRQ.ETS-overview (Supp 62) “Overview of Standards Development Organizations and Other Organizations Work on Emergency Telecommunications Service (ETS)	TSG-C	6	FYI.
018A	TSG-A fdbk to TSG-X on reassignment of three-digit MNCs - cover	TSG-A.3	8a	FYI.
018B	Proposed Correspondence to TSG-X re: Re-assignment of three-digit MNCs	TSG-A.3	8a	Approved for distribution.
019	TSG-C Liaison Report	TSG-C	6	FYI.
020	Courtesy Copy of Correspondence to ITU-R WP5A re: Response to Document 5A/TEMP/342	TSG-C	6	FYI.
020A	Changes to Annex A, Section 1 (Technology A) regarding IMT2000 CDMA-MC technology	TSG-C	6	FYI.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
021	TSG-S Document Status Table	TSG-S	6	Remanded to WG1 as FYI.
022	TSG-A Workplan Files	3GPP2 Program Manager	6	Remanded to WG1 for verification of accuracy.
023	RnF Comments on A.S0011~17-C	Qualcomm	7a	Remanded to R&F Ad Hoc.
024	RnF Comments on A.S0011~17-D	Qualcomm	7b	Remanded to R&F Ad Hoc.
025	Incoming Liaison Statement to External Organizations dated 8 Jun 2012 re: the Revision of Work on Recommendation ITU-R M.1801 and Report ITU-R M.2116	ITU-R WP5A	6	Closed.
026	Incoming Correspondence dated May 9, 2012 re: Release of WI(s) for TSG Review	TSG-S	6	Remanded to TSG-A.1.
026A	Work Item 3GPP2-00309: Enhancement of the cdma2000 1x System with M2M Focus	Sponsors	6	Remanded to TSG-A.1, requesting feedback by August 6, 2012.
026B	Work Item 3GPP2-00310: Technical correction for E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification Release 0	Sponsors	6	Remanded to TSG-A.1, requesting feedback by August 6, 2012.
026C	3GPP2-00311: Updating CSIM to align with CSIM Conformance Testing Specification	Sponsors	6	Remanded to TSG-A.1, requesting feedback by August 6, 2012.
026D	WI Tracking Sheet dated May 9, 2012	TGS-S	6	Remanded to TSG-A.1.
027	Incoming Liaison Statement to External Organizations dated 8 June 2012 re: Invitation to Submit Contributions to Working Document Towards a Preliminary Draft New Report ITU-R [LMS.ATG] Systems for Public Mobile Communications with Aircraft	ITU-R WP5A	6	Closed.
028	Liaison Statement to External Organizations dated 8 June 2012 re: Invitation to Review the Preliminary Draft Revision of Report ITU-R M.2014	ITU-R WP5A	6	Closed.
029	Liaison Statement to External Organizations dated 8 May 2012 re: Invitation to Review the Working Document Towards Revision of Recommendation ITU-R M.2015	ITU-R WP5A	6	Closed.
030	Liaison Statement to External Organizations dated 8 June 2012 re: Invitation to Review the Working Document Towards the Revision of Recommendation ITU-R M.2009	ITU-R WP5A	6	Closed.
031	Liaison Statement to External Organizations dated 8 May 2012 re: 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	ITU-R WP5A	6	Closed.
032	NSN RnF Comments on A.S0014-C v3.1	NSN	7a	Remanded to R&F Ad Hoc.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
033	NSN RnF Comments on A.S0014-D v3.1	NSN	7b	Remanded to R&F Ad Hoc.
034Ar0	Proposed Outgoing Correspondence to TSG-S re: TSG-A Review of S.P0146-0 v0.60 M2M Communication SRD, Cover	Qualcomm	6	FYI.
034Br0	Proposed Outgoing Correspondence to TSG-S re: TSG-A Review of S.P0146-0 v0.60 M2M Communication SRD	Qualcomm	6	Approved for distribution to TSG-S.
035r1	Proposed Outgoing Correspondence to TSG-S re: Work Item, Stage 1 Comments	TSG-A.1	6	Approved for distribution to TSG-S.
035A	TSG-A Release Features.docx	TSG-A.1	6	Approved for distribution to TSG-S.
035B	TSG-A Work Timeline	TSG-A.1	6	Approved for distribution to TSG-S.
036A	A.S00[11-17]-C v3.2, V&V, Cover	R&F Ad hoc	8c	Approved.
036B	A.S00[11-17]-C v3.1 RnF Comments Resolution	R&F ad hoc	8c	Approved.
036C	A.S0011-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036D	A.S0012-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036E	A.S0013-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036F	A.S0014-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036G	A.S0015-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036H	A.S0016-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036I	A.S0017-C v3.2 V&V Word file	R&F ad hoc	8c	Approved.
036J	A.S0011-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036K	A.S0012-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036L	A.S0013-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036M	A.S0014-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036N	A.S0015-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036O	A.S0016-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036P	A.S0017-C v3.2 V&V PDF	R&F ad hoc	8c	Approved for V&V, requesting comments on Monday August 6, 2012.
036Q	A.S0011-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
036R	A.S0012-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
036S	A.S0013-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
036T	A.S0014-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
036U	A.S0015-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
036V	A.S0016-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
036W	A.S0017-C v3.2 V&V Comment Form	R&F ad hoc	8c	Approved.
037A	A.S00[11-17]-D v3.2, V&V, Cover	R&F ad hoc	8d	Approved.
037B	A.S00[11-17]-D v3.1 RnF Comments Resolution	R&F ad hoc	8d	Approved.
037C	A.S0011-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037D	A.S0012-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037E	A.S0013-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037F	A.S0014-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037G	A.S0015-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037H	A.S0016-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037I	A.S0017-D v3.2 V&V Word file	R&F ad hoc	8d	Approved.
037J	A.S0011-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037K	A.S0012-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037L	A.S0013-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037M	A.S0014-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037N	A.S0015-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037O	A.S0016-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037P	A.S0017-D v3.2 V&V PDF	R&F ad hoc	8d	Approved for V&V, requesting comments on Monday August 6, 2012.
037Q	A.S0011-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037R	A.S0012-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037S	A.S0013-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037T	A.S0014-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037U	A.S0015-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037V	A.S0016-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.
037W	A.S0017-D v3.2 V&V Comment Form	R&F ad hoc	8d	Approved.

# xxx	Title	Source	Agenda Item	Plenary Action/Decision
038A	Proposed Outgoing Correspondence dated June 13, 2012 to TR-45.4 re: Specification V&V Initiation, Cover	RnF ad hoc	6	Approved.
038B	Proposed Outgoing Correspondence dated June 13, 2012 to TR-45.4 re: Specification V&V Initiation	R&F ad hoc	6	Approved for distribution.
039	Courtesy Copy of Correspondence to TSG-S dated 11 June 2012 re: TSG-C Review of SRDs	TSG-C	6	FYI.
040	Proposed Outgoing Correspondence dated 13 June 2012 re: Improvements to S102 Information Element	TGS-A.3	6	Approved for distribution.
041r2	Next Meeting Agenda, August 6, 2012	Chair	11	FYI.

4. Agenda Review & Approval

- A00-20120611-001: r0 was approved, R3 was provided FYI.

5. Meeting Summaries Review and Approval

- A00-20120611-002r1: the TSG-A previous Meeting Summary was approved as presented. A pdf version will be posted.

6. Correspondence and Liaisons

The following correspondence and liaisons were discussed at the meeting:

- A00-20120611-003, 004/A, 005/A, 006/A, 007, 008/A/B/C/D, 009, 010, 011, 012, 013/A, 014/A, 015, 016/017/A, 019, 020/A, 021, 022, 025, 026/A/B/C/D, 027, 028, 029, 030, 031, 034A/B, 035/A/B, 038A/B, 039, 040.

The following correspondence were approved for transmission:

Plenary Contribution Number	Description	Source	Status	List of Outgoing Correspondence ¹
A00-20120611-018B	Outgoing Correspondence to TSG-X re: Re-assignment of three-digit MNCs (addressed under agenda item 8a).	TSG-A.3	Approved	A-01
A00-20120611-034Br0	Outgoing Correspondence to TSG-S re: TSG-A Review of S.P0146-0 v0.60 M2M Communication SRD	Qualcomm	Approved	A-02
A00-20120611-038Br0	Outgoing Correspondence to TIA TR-45.4 re: Initiation of V&V for TSG- A Specifications	R&F ad hoc	Approved	A-03
A00-20120611-040r0	Outgoing Correspondence to 3GPP CT4 re: Improvements to S102 Information Element	TSG-A.3	Approved	A-04
A00-20120611-035r1	Proposed Outgoing Correspondence to TSG-S re: Work Item, Stage 1 Comments (includes TSG-A Release Features & Work Timeline)	TSG-A.1	Approved	A-05

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

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

7. Unfinished Business

7a. A.S00[11-17]-C v4.0 R&F: 023, 032

- **A00-20120531-036[A-V]:**
 - David Ott was appointed R&F Ad hoc Chair. 023 & 032 were remanded to the Ad Hoc.

7b. A.S00[11-17]-D v4.0 R&F: 024, 033

- **A00-20120531-037[A-V]:**
 - David Ott was appointed R&F Ad hoc Chair. 024 & 033 were remanded to the Ad Hoc.

8. New Business:

8a. Three-Digit MNCs: 018A/B

- The correspondence (part B) was approved for distribution.

8b. Assignment Request for Document:

- The Chair assigned the document number A.S0025, to be titled, "Interoperability Specification (IOS) for cdma2000 Machine to Machine (M2M) Communications".

8c. A.S00[11-17]-C v4.0 R&F: 036

- The Ad Hoc Chair presented 036 for V&V (A is the cover, Br0 is the Comment Resolution file, Cr0-Ir0 are the Word Files, Jr0-Pr0 are the PDF files, Qr0-Wr0 are the Comment Forms). David Ott (Qualcomm) motioned and Scott Marin (NSN) seconded sending the files out for Verification and Validation (V&V). The motion was approved by unanimous consensus. Comments are due back at the Opening Plenary on Monday, August 6, 2012.

8d. A.S00[11-17]-D v4.0 R&F: 037

- The Ad Hoc Chair presented 037 for V&V (A is the cover, Br0 is the Comment Resolution file, Cr0-Ir0 are the Word Files, Jr0-Pr0 are the PDF files, Qr0-Wr0 are the Comment Forms). David Ott (Qualcomm) motioned and Scott Marin (NSN) seconded sending the files out for V&V. The motion was approved by unanimous consensus. Comments are due back at the Opening Plenary on Monday, August 6, 2012.

9. Assignments

- N/A.

10. Review Assignments

- It was noted there were no additional assignments.

11. Next Meeting Schedule: 041r2

Dates: August 06 - 09, 2012
Location: Renaissance Seattle, 515 Madison St., Seattle, WA 98104
Room Rate: \$170/night
Cutoff: July 9, 2012

12. Open Discussion

- During the Leadership Session this week, the timing of the Work Item review was discussed. It was proposed to initiate Work Item Review via email to keep up with the pace of the TSG-S PMT monthly review cycles.

13. Adjournment

The TSG-A Closing Plenary was adjourned at 3:20 PM local time on Wednesday, June 13, 2012.

At the closing of TSG-A meeting #150, there were 11 quorum members present from the quorum list of 11 companies, listed as follows:

	Company Name¹	Attended 03/07 Interim Plenary Call	Attended 04/16 Chicago, IL	Attended 05/31 Interim Plenary Call	Attended 06/11, Guangzhou, China
1.	Alcatel-Lucent	#147	#148	#149	#150
2.	Applied Communication Sciences		#148		
3.	China Telecom		#148		#150
4.	Ericsson		#148	#149	#150
5.	Hitachi	#147	#148		#150
6.	Huawei Technologies	#147	#148	#149	#150
7.	KDDI	#147	#148	#149	#150
8.	NEC	#147	#148	#149	#150
9.	Nokia Siemens Networks	#147	#148	#149	#150
10.	Qualcomm	#147	#148	#149	#150
11.	RITCoE		#148		
12.	Sprint/Nextel		#148	#149	#150
13.	ZTE Corporation	#147	#148		#150

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.