

**3GPP2 TSG-A: Access Network Interfaces  
 Meeting Summary #139 – Seoul, Republic of Korea**

**DATE:** March 28, 2011  
**LOCATION:** Seoul, Republic of Korea  
**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, March 28, 2011.
- Interim plenary 11:40 - 11:45, Monday, March 28, 2011.
- Closing plenary 9:00 - 10:00, Friday, April 1, 2011.

**2. Introduction and Attendance Registration**

Dr. Zhao conducted a roll call of member companies. 13 of 14 quorum members responded as present, for 92.8% 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	<a href="mailto:satish.k@alcatel-lucent.com">satish.k@alcatel-lucent.com</a>
China Telecom	Wang Min	<a href="mailto:wangmin@ctbri.com.cn">wangmin@ctbri.com.cn</a>
Eileen McGrath Communications	Eileen McGrath	<a href="mailto:eileen.m.mcgrath@mac.com">eileen.m.mcgrath@mac.com</a>
Ericsson	Ahmad Muhanna	<a href="mailto:ahmad.muhanha@ericsson.com">ahmad.muhanha@ericsson.com</a>
Hitachi Ltd.	Shiro Mazawa	<a href="mailto:shiro.mazawa.qg@hitachi.com">shiro.mazawa.qg@hitachi.com</a>
Huawei	Zhiming Li	<a href="mailto:lizhiming@huawei.com">lizhiming@huawei.com</a>
Huawei	Gongyi Xia	<a href="mailto:xiagongyi@huawei.com">xiagongyi@huawei.com</a>
KDDI	Norikazu Yamasaki	<a href="mailto:nr-yamasaki@kddi.com">nr-yamasaki@kddi.com</a>
Motorola Mobility	Xiaomei He	<a href="mailto:doris.he@motorola.com">doris.he@motorola.com</a>
Motorola Solutions	Scott Marin	<a href="mailto:s.marin@motorolasolutions.com">s.marin@motorolasolutions.com</a>
Motorola Solutions	Naveen Arulsevan	<a href="mailto:Naveen.a@motorolasolutions.com">Naveen.a@motorolasolutions.com</a>
NEC	Tatsushi Yagi	<a href="mailto:yagi.tt@ncos.nec.co.jp">yagi.tt@ncos.nec.co.jp</a>
Qualcomm	Jing Sun	<a href="mailto:jingsun@qualcomm.com">jingsun@qualcomm.com</a>
Qualcomm	David Ott	<a href="mailto:dott@qualcomm">dott@qualcomm</a>
Tatara Systems	Phil Brown	<a href="mailto:pbrown@tatarasystems.com">pbrown@tatarasystems.com</a>
Verizon	Zheng Zhao	<a href="mailto:zheng.zhao@verizonwireless.com">zheng.zhao@verizonwireless.com</a>
ZTE Corporation	Ting Lu	<a href="mailto:lu.ting@zte.com.cn">lu.ting@zte.com.cn</a>
ZTE Corporation	Xiaowu Zhao	<a href="mailto:zhao.xiaowu@zte.com.cn">zhao.xiaowu@zte.com.cn</a>

**3. Numbering of Contributions**

The following A00-20110328-xxx documents were numbered and assigned to the listed agenda items, as follows:

# xxx	Title	Source	Item	Plenary Action/Decision
000r6	Contribution List	Chair	3	FYI
001r2	Agenda	Chair	4	r2 approved, r8 provided as FYI.

# xxx	Title	Source	Item	Plenary Action/Decision
002r1	Meeting Summary from Previous Meeting	Chair	5	r1 was approved as the meeting summary of record.
003	Incoming Correspondence re: TSG Review of S.P0139-0 v0.12 Femtocell System Overview	TSG-S	6	Remanded to WG1
003A	S.P0139, v0.12 Femto Systems Overview	TSG-S	6	Remanded to WG1
004	TSG-C Liaison Report for January 2011	TSG-C	6	FYI
005	Incoming Correspondence re: Traffic Channel Short Message Service support for 1x – EUTRAN Interworking	TGS-C	6	Remanded to WG3 & V&V Ad hoc
005A	Traffic Channel SMS Support in C.S0097-0 v2.0	TSG-C	6	Remanded to WG3 & V&V Ad hoc
006	Courtesy Copy of Correspondence to PMT Coordinator re: TSG-C review of Work Plan Questions	TGS-C	6	FYI
007	Courtesy Copy of Correspondence to TSG-S re: Status of TSG-C review of 3GPP2 Work Items	TSG-C	6	FYI
008	Liaison to Steering Committee re: [sc] FOR YOUR REVIEW BY 15 February 2011 - A.S0004-C v1.0	TIA Director, Technology and Standards	6	FYI
009	Incoming Correspondence re: Release of WIs for TSG Review	TSG-S	6	Remanded to WG1
009A	3GPP2-00286: cdma2000 1x Rev E and Guidelines for using cdma2000 1x Revision E Features on Earlier Revisions Bug Fixes	TSG-S	6	Remanded to WG1
009B	3GPP2-00287: Bug fixes for C.S0087-0 v2.0 E-UTRAN – HRPD Connectivity and Inter-working	TSG-S	6	Remanded to WG1
009C	PMT Work Item Tracking List	TSG-S	6	Remanded to WG1
010r0	TSG-A Meeting Summary from Meeting #138, Interim Meeting conducted via GoToMeeting web conferencing	Secretary, TSG-A	5	r0 was approved as the meeting summary of record.
010Ar0	Marked up version of same	Secretary, TSG-A	5	Reviewed.
011	TSG-C Liaison Report for 17 February 2011 Interim Plenary Conference Call	TSG-C	6	FYI
012r0	A.S00[11-17]-D v2.1 R&F Comments. Attachment A is the cover, B-H are the comment files.	Qualcomm	7a	Remanded to R&F Ad Hoc
013r0	A.S0008-C v3.2 & Annex F V&V Comments. Attachment A is the cover, B is the comment file.	Qualcomm	7b	Remanded to V&V Ad Hoc
014r0	A.S0009-C v3.2 V&V Comments. Attachment A is the cover, B is the comment file.	Qualcomm	7c	Remanded to V&V Ad Hoc
015r0	A.S0024-A v0.8 V&V Comments. Attachment A is the cover, B is the comment file.	Qualcomm	7d	Remanded to V&V Ad Hoc
016	201103 TSG-A Workplan files	PMT Coordinator	6	Remanded to WG1
017	TSG-S Document Status Table	TSG-S	6	Remanded to WG1 as FYI
018	Incoming Correspondence re: M2M and Mobile Directory Numbers (MDN)	Chair, SC M2M Ad Hoc	6	Remanded to WG3
018A	Phone Numbers and M2M	CDG	6	Remanded to WG3
019	Incoming Correspondence to HoD re: India	Chair, SC	6	FYI
020	A.S0008-C v3.2 V&V Comments	Ericsson	7b	Remanded to V&V Ad Hoc
021	EVRC+ for Ix IOS and HRPD IOS	Qualcomm	8e	Remanded to WG1, WG3 & V&V Ad Hoc
022	A.S0014-D v2.1 R&F Comments	ZTE	7a	Remanded to R&F Ad Hoc
023r1	A.S0008-C v3.2 V&V	Motorola Solutions	7b	Remanded to V&V Ad Hoc
024r1	A.S0009-C v3.2 V&V	Motorola Solutions	7c	Remanded to V&V Ad Hoc
025	A.S0024-A v0.8 V&V	Motorola Solutions	7d	Remanded to V&V Ad Hoc

# xxx	Title	Source	Item	Plenary Action/Decision
026	A.S0008-C v3.2 V&V	ALU	7b	Remanded to V&V Ad Hoc
027	A.S0009-C v3.2 V&V	ALU	7c	Remanded to V&V Ad Hoc
028	A.S0024-A v0.8 V&V	ALU	7d	Remanded to V&V Ad Hoc
029	A.S00[14-16]-D v2.1 R&F Comments	ALU	7a	Remanded to R&F Ad Hoc
030A	A.S0008-C v3.2 V&V Comments, Cover sheet	Huawei	7b	Remanded to V&V Ad Hoc
030B	A.S0008-C v3.2 V&V Comments	Huawei	7b	Remanded to V&V Ad Hoc
031A	A.S0009-C v3.2 V&V Comments, Cover sheet	Huawei	7c	Remanded to V&V Ad Hoc
031B	A.S0009-C v3.2 V&V Comments	Huawei	7c	Remanded to V&V Ad Hoc
032	Liaison to Steering Committee re: [sc] FOR YOUR REVIEW BY 15 February 2011 - A.S0022-A v1.0	TIA Director, Technology and Standards	6	FYI
032A	Liaison to Steering Committee re: [sc] Comments Received During SC Review	TIA Director, Technology and Standards	6	FYI
033	A.S0024-A v0.8 V&V Comments	Tatara Systems	7d	Remanded to V&V Ad Hoc
034	A.S0024-A v0.8 V&V Comments	Huawei	7d	Remanded to V&V Ad Hoc
035r1	Outgoing Correspondence to TSG-S re: TSG-A Work Item, Stage 1, LS and SC Documents for Review	Vice-Chair, WG1	6	Transmitted on March 28, 2011
035Ar0	TSG-A Release Features	WG1	6	Attachment transmitted
035Br0	TSG-A Work Timeline	WG1	6	Attachment transmitted
036	Courtesy Copy of Correspondence to TIA AHAG re: V&V of S.P0145-0 v0.3, "Advanced Security Framework for HRPD and EHRPD Systems"	TSG-S	6	FYI
036A	S.P0145-0 v0.3, V&V text	TSG-S	6	FYI
037	Incoming Correspondence to all TSGs and CDG re: NAI Issues in M2M Numbering	SC M2M Numbering Ad Hoc	6	Remanded to WG3 for review and feedback
038	Incoming Correspondence to all TSGs re: PMT 2011 Meeting Schedule	TSG-S	6	Remanded to WG1, FYI
039	Incoming Correspondence to all TSGs re: cdma2000 Usage on 3GPP2 WI Worksheets	TSG-S	6	FYI
040	Incoming Correspondence to all TSGs re: Work Item Worksheet Template 6.0	TSG-S	6	FYI
040A	Worksheet Template 6.0	TSG-S	6	FYI
041	Incoming Correspondence to all TSGs re: Review of S.P0147-0 USSD SRD	TSG-S	6	Remanded to WG1 for review and feedback
041A	S.P0147-0 USSD SRD	TSG-S	6	Remanded to WG1 for review and feedback
042	Courtesy Copy of Correspondence to ETSI SCP re: Embedded UICC Requirements	TSG-S	6	FYI
043	Courtesy Copy of Correspondence to TIA TR-45.8 re: S.R0144-0 v1.0, "1x Calling Party Number Presentation (CPNP) during e1xCsFB for Publication"	TSG-S	6	FYI
043A	S.R0144-0 v1.0 publication text	TSG-S	6	FYI
043B	S.P0144-0 v0.9 V&V Comment Resolution	TSG-S	6	FYI
044	Courtesy Copy of Correspondence to SC M2M Numbering Ad Hoc re: M2M and Mobile Directory Number (MDN)	TSG-S	6	FYI
045	Courtesy Copy of Correspondence to 3GPP2 SC re: copyright license for SC.R4001 to GSMA	TSG-S	6	FYI

# xxx	Title	Source	Item	Plenary Action/Decision
045A	Proposed 3GPP2 GSMA SC.R4001 copyright license agreement	TSG-S	6	FYI
046	Incoming Correspondence to all TSGs re: TSG WI Review	TSG-S	6	Remanded to WG1 for review and feedback
046A	Work Item: 3GPP2-00288	TSG-S	6	Remanded to WG1
047r1	TSG-S Liaison Report for March, 2011	Secretary, TSG-S	6	FYI
048	TSG-S PMT Work Item Tracking Sheet	Chair, TSG-S PMT	6	Remanded to WG1, FYI
049Ar1	A.S00[11-17]-D v2.2 V&V files cover	Chair, R&F Ad hoc	8a	Approved for V&V
049Br0	Merged A.S0011-D v2.1 R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Cr0	Merged A.S0012 -D v2.1R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Dr0	Merged A.S0013-D v2.1 R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Er0	Merged A.S0014 -D v2.1R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Fr0	Merged A.S0015-D v2.1 R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Gr0	Merged A.S0016-D v2.1 R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Hr0	Merged A.S0017-D v2.1 R&F Comments	R&F Ad hoc	8a	Approved for V&V
049Ir0	A.S0011-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Jr0	A.S0012-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Kr0	A.S0013-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Lr0	A.S0014-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Mr0	A.S0015-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Nr0	A.S0016-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Or0	A.S0017-D v2.2 V&V zip	R&F Ad hoc	8a	Approved for V&V
049Pr0	A.S0011-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Qr0	A.S0012-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Rr0	A.S0013-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Sr0	A.S0014-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Tr0	A.S0015-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Ur0	A.S0016-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Vr0	A.S0017-D v2.2 V&V pdf	R&F Ad hoc	8a	Approved for V&V
049Wr0	A.S0011-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049Xr0	A.S0012-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049Yr0	A.S0013-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049Zr0	A.S0014-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049ZAr0	A.S0015-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049ZBr0	A.S0016-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
049ZCr0	A.S0017-D v2.2 V&V Comment Form	R&F Ad hoc	8a	Approved for V&V
050Ar0	A.S0024-A v1.0 Publication text cover	Chair, V&V Ad Hoc	8d	Approved for publication
050Br0	A.S0024-A v0.9 V&V Merged Comments	V&V Ad Hoc	8d	Approved for publication
050Cr0	A.S0024-A v0.9 zip	V&V Ad Hoc	8d	Approved for publication
050Dr0	A.S0024-A v1.0 zip	V&V Ad Hoc	8d	Approved for publication
050Er0	A.S0024-A v1.0 publication text	V&V Ad Hoc	8d	Approved as Publication Text
051	Outgoing Correspondence to SC M2M Ad hoc re: TSG-A reply regarding M2M and Mobile Directory Numbers (MDN)	Chair, WG3	6	Approved for Transmittal on April 1, 2011
052r1	Meeting Notice for May, 2011	Secretary, TSG-A	11	FYI
053r0	TSG-A report to the SC	Chair, TSG-A	8f	FYI

#### 4. Agenda Review & Approval

- A00-201101328-001r2 was approved as modified, r8 was provided as FYI.

**5. Meeting Summaries Review and Approval**

- **A00-20110328-002r1:** the TSG-A January Meeting Summary was approved as written.
- **A00-20110328-010r0:** the TSG-A February GoTo Meeting Summary was approved as written.

**6. Correspondence and Liaisons**

The following correspondences and liaisons were discussed at the meeting:

- **A00-20110328- contributions: 003/A, 004, 005/A, 006, 007, 008, 009/A/B/C, 011, 016, 017, 018, 019, 032/A, 035r1, 036r0, 037, 038, 039, 040, 041/A, 042, 043/A/B, 044, 045/A, 046, 047r1, 048, 051**

The following correspondence were approved for transmission:

Original Plenary Contribution Number	Description	Source	Status	List of Outgoing Correspondence <sup>1</sup>
A00-20110328-035r1 /A/B	Outgoing Correspondence to TGS- S re: Work Item, Stage 1, LS and SC Documents for Review	WG1	Transmitted March 28, 2011	A-01
A00-20110328-051r0	Outgoing Correspondence to SC M2M Ad Hoc	WG3	Transmitted April 1, 2011	A-02

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

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

**7. Unfinished Business**

**7a.** A.S0011~17-D v2.1 R&F: David Ott (Qualcomm) was appointed R&F ad hoc Chair.

- **A00-20110328-012r0 :** R&F comments from Qualcomm were remanded for V&V processing.
- **A00-20110328-022r0 :** R&F comments from ZTE were remanded for V&V processing.
- **A00-20110328-029 :** R&F comments from Alcatel-Lucent were remanded for V&V processing.

**7b.** A.S0008-C v3.2 & Annex F V&V: David Ott (Qualcomm) was appointed V&V ad hoc Chair.

- **A00-20110328-013r0:** V&V comments from Qualcomm were remanded for V&V processing.
- **A00-20110328-020:** V&V comments from Ericsson were remanded for V&V processing.
- **A00-20110328-023r1:** V&V comments from Motorola Solutions were remanded for V&V processing.
- **A00-20110328-026:** V&V comments from Alcatel-Lucent were remanded for V&V processing.
- **A00-20110328-030/A/B:** V&V comments from Huawei were remanded for V&V processing.

**7c.** A.S0009-C v3.2 & Annex F V&V: David Ott (Qualcomm) was appointed V&V ad hoc Chair.

- **A00-20110328-014r0:** V&V comments from Qualcomm were remanded to an ad hoc for V&V processing.
- **A00-20110328-024r1:** V&V comments from Motorola Solutions were remanded to an ad hoc for V&V processing.
- **A00-20110328-027:** V&V comments from Alcatel-Lucent were remanded to an ad hoc for V&V processing.
- **A00-20110328-031/A/B:** V&V comments from Huawei were remanded to an ad hoc for V&V processing.

**7d.** A.S0024-A v0.8 V&V: David Ott (Qualcomm) was appointed V&V ad hoc Chair.

- **A00-20110328-015r0:** V&V comments from Qualcomm were remanded to an ad hoc for V&V processing.
- **A00-20110328-025:** V&V comments from Motorola Solutions were remanded to an ad hoc for V&V

processing.

- **A00-20110328-028:** V&V comments from Alcatel-Lucent were remanded to an ad hoc for V&V processing.
- **A00-20110328-033:** V&V comments from Tataru Systems were remanded to an ad hoc for V&V processing.
- **A00-20110328-034:** V&V comments from Huawei were remanded to an ad hoc for V&V processing.

## 8. New Business

### 8a. Incorporating EVRC Updates into 1x IOS-C and HRPD IOS-C:

- **A00-20110328-021r0:** Proposal from Qualcomm was discussed at Plenary and remanded to WG1, WG3 and V&V Ad Hoc for discussion.

**8b. A.S0011-17-D v2.2 049[A-ZCr0]:** (part Ar1 is the cover sheet, Br0~Hr0 are the R&F Comments, Ir0~Or0 are the V&V zip and Pr0~Vr0 are the PDFs, Wr0~ZCr0 Comments forms). The PDFs were approved for V&V. Comments are due back to the May 23 TSG-A opening plenary.

**8c. A.S0008-C & Annex F v4.0:** David Ott (Qualcomm) noted that a V&V Ad Hoc conference call is planned for April 11, 7PM Eastern Time to resolve open V&V issues.

**8c. A.S0009-C & Annex F v4.0:** David Ott (Qualcomm) noted that a V&V Ad Hoc conference call is planned for April 11, 7PM Eastern Time to resolve open V&V issues.

**8d. A.S0024-A v1.0 publication, 050r0.** David Ott (Qualcomm) motioned and Phil Brown (Tataru Systems) seconded approving the text for publication (050Er0). There were no objections and the text was approved for publication pending a 15 day SC review.

### 8e. TSG-A report to the SC:

- **A00-20110328-053r0:** The Chair presented the TSG-A report to the SC, to be delivered on Monday, April 4, 2011, FYI.

## 9. Review Assignments

- None.

## 10. Next Meeting Schedule:

- Interim Plenary via Conference Call: Tuesday April 19<sup>th</sup>, 2011, via GoToMeeting:
  1. Please join my meeting, Tuesday, April 19<sup>th</sup>, 2011 at 07:00 PM Central Time.  
<https://www1.gotomeeting.com/join/792277536>
  2. Use your microphone and speakers (VoIP) - a headset is recommended. Or, call in using your telephone.
- **A00-20110328-052r1:** the May meeting announcement for Dallas, Texas was presented, FYI.

## 11. Open Discussion

- None.

## 12. Adjournment

The TSG-A Closing Plenary was adjourned at 9:30AM local time on Friday, April 1, 2011. At the closing of TSG-A meeting #139, there were 13 quorum members present from the quorum list of 14 companies, listed as follows:

	Company Name <sup>1</sup>	Attended 12/06 Honolulu	Attended 01/24 Seattle	Attended 02/17 Interim Conference Call	Attended 03/28 Seoul
1	Alcatel-Lucent	#136	#137	#138	#139
2	China Telecom	#136	#137		#139

3	<b>Ericsson</b>	#136	#137	#138	<b>#139</b>
4	<b>Hitachi</b>	#136		#138	<b>#139</b>
5	<b>Huawei Technologies</b>	#136	#137		<b>#139</b>
6	<b>KDDI</b>	#136	#137	#138	<b>#139</b>
7	Motorola Mobility <sup>2</sup>		#137		#139
8	<b>Motorola Solutions</b>	#136	#137	#138	<b>#139</b>
9	<b>NEC</b>	#136	#137	#138	<b>#139</b>
10	<b>Nokia Siemens Networks</b>	#136	#137		
11	<b>Qualcomm</b>	#136	#137	#138	<b>#139</b>
13	<b>Sprint/Nextel</b>	#136			<b>#139</b>
14	<b>Tatara Systems</b>	#136	#137	#138	<b>#139</b>
15	<b>Verizon Wireless</b>	#136	#137		<b>#139</b>
16	<b>ZTE Corporation</b>	#136	#137	#138	<b>#139</b>

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 2<sup>nd</sup> consecutive meeting. Individual members that miss three consecutive meetings of the TSG are dropped from the TSG voting list at the close of the 3<sup>rd</sup> meeting.

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