

**3GPP2 TSG-SX  
Meeting Summary #4 – Kauai, Hawaii, USA**

**DATE:** December 2, 2013  
**LOCATION:** Lihue, Kauai  
**CHAIR:** Dr. Xiaowu (Frankle) Zhao, ZTE  
**VICE CHAIR:** Yuezhen Wang, China Telecom  
 Mike Dolan, Alcatel-Lucent  
**SECRETARIAT:** Eileen McGrath Doohan, representing 3GPP2

**OPENING PLENARY**

**1. TSG-SX Opening Remarks by TSG-SX Chair**

The TSG-SX Chair conducted TSG-SX plenary meeting sessions as follows (times are in local time):

- Opening plenary 9:00 AM – 10:15 AM, Monday, December 9, 2013.
- Closing plenary 9:15 – 10:42AM, Thursday, December 12, 2013.

**2. Introduction and Attendance Registration**

Ms. Doohan conducted a roll call of member companies. In the Plenary sessions during the week, 7 of 13 quorum members responded as present, for 54% 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	<a href="mailto:Mike.dolan@alcatel-lucent.com">Mike.dolan@alcatel-lucent.com</a>
China Telecom	Yuezhen Wang	<a href="mailto:wangyzh@gsta.com">wangyzh@gsta.com</a>
DHS	Carol-Lyn Taylor	<a href="mailto:Carol-lyn.taylor@HQ.DHS.GOV">Carol-lyn.taylor@HQ.DHS.GOV</a>
Ericsson	Ke-Chi Jang	<a href="mailto:Ke-chi.jang@ericsson.com">Ke-chi.jang@ericsson.com</a>
Huawei	Jixing Liu	<a href="mailto:liujixing@huawei.com">liujixing@huawei.com</a>
Qualcomm	Roosbeh Atarius	<a href="mailto:ratarius@qti.qualcomm.com">ratarius@qti.qualcomm.com</a>
Qualcomm	Alex Gogic	<a href="mailto:agogic@qti.qualcomm.com">agogic@qti.qualcomm.com</a>
Qualcomm	Jack Nasielski	<a href="mailto:jackn@qti.qualcomm.com">jackn@qti.qualcomm.com</a>
Qualcomm	Anand Palanigounder	<a href="mailto:apq@qti.qualcomm.com">apq@qti.qualcomm.com</a>
Qualcomm	Jun Wang	<a href="mailto:jwang@qti.qualcomm.com">jwang@qti.qualcomm.com</a>
ZTE	Xiaowu Zhao	<a href="mailto:Zhao.xiaowu@zte.com.cn">Zhao.xiaowu@zte.com.cn</a>
3GPP2	Eileen McGrath Doohan	<a href="mailto:eileen.m.doohan@me.com">eileen.m.doohan@me.com</a>

**3. Numbering of Contributions**

The following SX00-20131202-xxx documents were numbered and assigned to the listed agenda items, as follows:

#	Subject	Source	Status
000	Document Register		FYI
001	Agenda	Chair, TSG-SX	Approved, updated to R9.
002	TSG-SX Summary Meeting Report, September 2013, with Action List	Chair, TSG-SX	Approved for posting.
003	TSG-SX Projects Work Plan		Remanded to WGs.
004	Reserved		N/A
005	WG1 Agenda		FYI

#	Subject	Source	Status
006	WG2 Agenda		FYI
007	WG3 Agenda		FYI
008	WG4 Agenda		FYI
009	3GPP2 Work Plan folder		Remanded to WG1 & WG3, WG3 to answer open question.
010	Courtesy Copy of LS dated September 13, 2013 re: LS on LTE-HRPD load reporting	Chair, TSG-AC	FYI
011	Email dated September 18, 2013 re: TSG-AC Correspondence – LS to 3GPP2 on interaction of oneM2M with Underlying Networks, introducing attachment	Secretariat, TSG-AC	FYI
011A	Incoming LS dated September 13, 2013 re: LS to 3GPP2 on interaction of oneM2M with Underlying Networks	Chair, TSG-AC	FYI
012	Reserved		N/A
013	Courtesy Copy of LS dated July 16, 2013 re: Terminal Profile in 3GPP2 C.S0035 CCAT	Chair, TSG-AC	FYI
014	Incoming LS dated September 24, 2013 re: TIA legal Comments on X.S0062-A v1.0	Chair, TIA TR-45.8	Remanded to WG3.
014A	TIA comments		Remanded to WG3.
015	Email dated September 18, 2013 re: V&V Initiation – X.P0069-0 v0.3 – Comments Due 1 November 2013	Secretariat, 3GPP2	FYI
016	Email dated September 18, 2013 re: V&V Initiation – S.P0152-0 v0.3 – Comments Due 29 November 2013	Secretariat, 3GPP2	FYI
017	Courtesy Copy of LS dated September 13, 2013 re: LS to External Organizations re Study on Future Technology Trends for Terrestrial IMT Systems	Chair, TSG-AC	FYI
017A	Section 5.3.2, “Technologies to support the M2M”		FYI
018	Email dated September 18, 2013 re: For Your Review by October 3, 2013 - X.P0062-A-0 v1.0	Secretariat, 3GPP2	FYI
019	Email dated September 24, 2013 re: For Your Review by October 3, 2013 – X.S0062-A v1.0	Secretariat, TSG-SX	Remanded to WG3.
020	Email dated September 18, 2013 re: 3GPP2 Liaison – “Terminal Profile in 3GPP2 C.S0035 CCAT”	Secretariat, TSG-AC	FYI
021	Incoming LS dated 16 October 2013 re: Attachment 4.15 to Document 5D/532, “Revision of Report ITU-R M.2039-2 “Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing / Interference Analyses”	ITU-R, WP 5D	FYI

#	Subject	Source	Status
022	Incoming V&V Comments, S.P0152-0 v0.3	Qualcomm	Remanded to WG4.
023	Incoming LS dated November 4-8, 2013 re End-to-end Fixed-mobile interworking, E2EMTSI-S4	3GPP TSG SA WG4	Remanded to WG2 & WG3, WG3 to lead.
023A	Change Request 26.114, CR 0272, date November 8, 2013	3GPP TSG SA WG4	Remanded to WG2 & WG3, WG3 to lead.
024	LS dated October 10 & 11 2013 re: LS on UICC Access Optimization	ETSI TC SCP	FYI
025	GHS (Global hexadecimal Administrator) Assignment Guidelines and Procedures for Mobile Equipment Identifier (MEID) and Short Form Expanded UIM Identifier (SF_EUIMID), PDF	Editor	Remanded to WG1.
025A	Word Version		Remanded to WG1.
026	Meeting Minutes from WG1 conference call	Chair, WG1	FYI
027	Email dated November 2013 re Work Item Review	Secretariat, 3GPP2	Remanded to WG1.
027A	Work Item 00331		Remanded to WG1.
027B	Work Item 0332		Remanded to WG1.
027C	Work Item 033		Remanded to WG1.
028	PMT Summary Report from October 2013	Secretariat, PMT	Remanded to WG1.
029	PMT Summary Report from September 2013	Secretariat, PMT	Remanded to WG1.
030	TIA Comments on X.P0069	Chair, TIA TR- 45.8	Remanded to WG3.
030A	ALU Comments		Remanded to WG3.
031	Comments on X.P0069	Huawei	Remanded to WG3.
032	Comments on S.P0152	Chair, TIA, TR- 45AHAG	Remanded to WG4.
032A	Summary of S.P0152 V&V	Chair, TIA, TR045AHAG	Remanded to WG4.
032B	Comments on S.P0152	CommFlow	Remanded to WG4.
032C	Comments on S.P0152	Qualcomm	Remanded to WG4.
100	Agenda for next meeting for TSG-SX	Chair, TSG-SX	Approved for posting, R5.

#	Subject	Source	Status
101	WG1 Closing Plenary reporting folder	Chair, WG1	<b>101r1:</b> <b>A:</b> Work Plan, FYI <b>B:</b> Approved Projects to update 003 <b>CA:</b> R&F S.P0150, R&F approved, due March 18 <b>DA:</b> R&F S.P0153, due March 18 <b>EA:</b> Publication SC.R4002-0 v1.0, approved, request to copy Gary for TIA continuity
102	WG2 Closing Plenary reporting folder	Chair, WG2	<b>A:</b> Update 003 <b>B:</b> Publication X.P0042-B, approved <b>Cr1:</b> V&V X.P0008-A v0.3, approved <b>D:</b> V&V X.P0065-A v0.3, approved <b>Er1:</b> V&V X.P0008-A, approved
103	WG3 Closing Plenary reporting folder	Chair, WG3	<b>A:</b> Open remand re: work plan questions closed <b>B:</b> Update 003 <b>C:</b> Action items, FYI <b>D:</b> LS, approved <b>E:</b> Publication X.S0069-0 v1.0, word version <b>F:</b> Publication X.S0069-0 v1.0, approved <b>G:</b> LS, approved <b>H:</b> Publication X.S0062-V v1.0, word version <b>I:</b> Publication X.S0062-A v1.0, approved, 15-day review <b>J:</b> R&F X.P0057-B v1.3, word version <b>K:</b> R&F X.P0057-B v1.3, pdf, due March <b>L:</b> R&F Comments Template <b>M:</b> R&F XP0068-0 v.0.9, word version <b>N:</b> R&F X.P0068-0 v0.9, pdf, due March <b>O:</b> R&F Comments Template
104	WG4 Closing Plenary reporting folder	Chair, WG4	<b>A:</b> Publication S.S0152-0 v1.0, pdf approved <b>B:</b> Revision Marked post-ballot version <b>C:</b> Correspondence re: publication, approved

#	Subject	Source	Status
105	Incoming LS dated December 5, 2013 re: Invitation to Review the Proposed Revisions of Recommendations ITU-R M.2015 and ITU-R M.2009	ITU-R WP 5A	FYI

#### 4. Agenda Review & Approval

- **SX00-20131202-001:** R1 was approved. During the meeting, the agenda was updated to R9.

#### 5. Meeting Summaries Review and Approval

- **SX00-20131202-002:** the TSG-SX previous Meeting Summary was approved as presented. A PDF will be posted.

#### 6. Correspondence and Liaisons

The following correspondence and liaisons were discussed at the meeting: as noted in Section 3.

The following correspondence and documents were approved for transmission:

List of Outgoing Correspondence <sup>1</sup>	Plenary Contribution Number	Description	Status
SX-201312-01	101EA	Email announcement of publication of SC-level document, SC.R4002-0 v10.0	Transmitted
SX-201312-02	102B	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: Publication of X.P0042-B v1.0	Transmitted.
SX-201312-03	102Cr1	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: New Project Request for X.P0008-A v1.0 MEID Binding	Transmitted.
SX-201312-04	102D	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: TIA Ballot of X.P0065-0 v0.3	Transmitted.
SX-201312-05	102Er1	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: TIA Ballot of X.P0008-A 0.3	Transmitted.
SX-201312-06	103D	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: Publication of X.P0069-0 v1.0	Transmitted.
SX-201312-07	103G	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45.8 re: Publication of X.P0062-A v1.0	Transmitted.
SX-201312-08	104C	Outgoing Correspondence dated Dec 6, 2013 to Chair, TIA TR-45-AHAG re: Publication of S.S0152-0 v1.0	Transmitted.
SX-201312-09	Secretariat notification via email	Outgoing Correspondence dated Dec 6, 2013 to Director, 3GPP2 re: Documents for V&V and Publication form TSG-SX Plenary, December 2013	Transmitted.

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

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

#### 7. Working Group Business

##### 7A. WG1:

- **SX00-20131202-005:** FYI for WG1.
- **SX00-20131202-026:** FYI for WG1.
- **SX00-20131202-101:** WG1 report, as noted in Section 3.

##### 7B. WG2:

- **SX00-20131202-006:** FYI for WG2.
- **SX00-20131202-102:** WG2 report, as noted in Section 3.

##### 7C. WG3:

- **SX00-20131202-007:** FYI for WG3.
- **SX00-20131202-103:** WG3 report, as noted in Section 3.

**7D. WG4:**

- **SX00-20131202-008, 018:** FYI for WG4.
- **SX00-20131202-104:** WG4 report, as noted in Section 3.

**8. Unfinished Business:**

**8.A. V&V: X.P0042-B v1.0:**

- **SX00-20131202-102B:** Approved for publication, as noted in Section 3.

**8.B. V&V: X.P0062-A v1.0:**

- **SX00-20121202-014/A:** Remanded to WG3.
- **SX00-20131202-018:** FYI.
- **SX00-20131202-019:** Remanded to WG3.

**8.C. V&V: X.P0069-0 v0.3:**

- **SX00-20121202-030/A:** Remanded to WG3.
- **SX00-20131202-031:** Remanded to WG3.

**8.D. V&V: X.P0152.0 v0.3:**

- **SX00-20121202-022:** Remanded to WG4.
- **SX00-20131202-032/A:** Remanded to WG4.

**8.E. V&V: SC.P4002-0 v9.1:**

- **SX00-20121202-025/A:** Remanded to WG1.

**8.F. Other Topics:**

- N/A

**9. New Business:** as per Working Group Business

**9.A. R&F: X.P(S)0057-B v1.2 (E-UTRAN – eHRPD Connectivity and Interworking: Core Network):**

- See **SX00-20131202-103K**, in Section 3.

**9.B. R&F: X.P(S)0068-0 v0.2: (Network Enhancements to Machine to Machine)**

- See **SX00-20131202-103N**, in Section 3.

**9.C. R&F: S.P(R)0150-0 v0.2: (SON)**

- See **SX00-20131202-103CA**, in Section 3.

**9.D. R&F: S.P(R)0153.0 v0.3: (Inter-Tech Spectrum Optimization)**

- See **SX00-20131202-103DA**, in Section 3.

**9.E. V&V: X.P(S)0008-A v2.0: (MAP for MEID)**

- See **SX00-20131202-103EA**, in Section 3.

**9.F. V&V: X.P(S)0065-A v0.9 (cdma2000 USSP):**

- See **SX00-20131202-103D**, in Section 3.

**9.G. Publication: X.P(S)0042-B v1.0: (Dual Radio Voice Call Continuity btn IMS and CS Systems)**

- See **SX00-20131202-102B**, in Section 3.

**9.H. Publication: X.P(S)0062-A v1.0: (Policy and Charging Control for cdma2000 1x and HRPD)**

- See **SX00-20131202-103I**, in Section 3.

**9.I. Publication: X.P(S)0069-0 1.0: (Concurrent Volume and Duration Based PrePaid MMD)**

- See **SX00-20131202-103F**, in Section 3.

**9.J. Publication: S.P(S)0152-0 v1.0: (Security Framework for Binding of Access Sub with Device)**

- See **SX00-20131202-104A**, in Section 3.

**9.K. Other Topics:**

- N/A

**10. Assignments:**

**10.A. TSG-SX Workplan: SX00-20131202-003:**

- To be updated by TSG-SX Secretariat

**10.B. TSG-SX Agenda for March 2014:**

- Approved for posting.

**11. Next Meetings Schedule:**

- **SX00-20131202-100:** The meeting agenda for Kyoto, Japan was presented for review.

Meeting Location: Kyoto, Japan

**12. Open Discussion:** N/A

**13. Adjournment**

The TSG-SX Closing Plenary was adjourned at 10:42AM local time on Friday, December 6, 2013.  
 At the closing of TSG-SX meeting #4, there were 7 quorum members present from the quorum list of 13 companies for 54% quorum, listed as follows:

	Company Name <sup>1</sup>	Attended 2013/03/11	Attended 2013/06/03	Attended 2013/09/09	Attended 2013/12/02
1.	<b>Alcatel-Lucent</b>	1	1	1	1
2.	<b>Applied Communication Sciences</b>	1	1	1	
3.	<b>China Telecom</b>	1	1	1	1
4.	<b>Dept of Homeland Security (DHC, prev NCS)</b>		1		1
5.	<b>Ericsson</b>				1
6.	<b>Huawei Technologies</b>	1	1	1	1
7.	<b>Kyocera</b>	1		1	
8.	<b>NEC</b>	1	1	1	
9.	<b>Nokia Siemens Networks</b>	1	1	1	
10.	<b>Qualcomm</b>	1	1	1	1
11.	<b>RITT</b>	1		1	
12.	<b>Sprint/Nextel</b>	1	1	1	
13.	<b>ZTE Corporation</b>	1	1	1	1
	<b>Quorum Total</b>	<b>12</b>	<b>10</b>	<b>11</b>	<b>7</b>
14.	<i>Commflow</i>				1

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.