<u>Approved by General Counsel</u>

TR-45 Meeting Report

Date(s): 12/12/2011 - 12/13/2011

Location: Kona, HI

Approved: 02/08/2012

TIA Engineering Committee TR-45
Meeting Report (R1)
12-13 December 2011 – Hawaii, HI

	Agenda Item	Document(s)
1.	Call to Order & Opening Remarks The meeting was called to order on 12 December 2011 by the Chair at 1:20pm (local time).	
2.	Important Notice of Participation The Chair informed the meeting attendees of the Important Notice of Participation provided in Note 1 on the meeting agenda.	
3.	Attendance Registration & Roll Call Meeting attendees signed-in electronically at tr45.tiaonline.org and attendance was recorded as indicated by the quorum information provided below. Quorum was established. Quorum Members Present Alcatel-Lucent, CDMA Development Group, CommFlow Resources, Ericsson, Nokia Siemens Networks, Qualcomm, Sigma Delta Communications Quorum Members Absent AT&T, Verizon Wireless Others Present TIA	
4.	Agenda Review & Approval The agenda as provided in document -01r2 was approved. *Secretary's Note: During the meeting TR45/11.12.12-01r3 was created and posted at ftp://ftp.tiaonline.org:21/TR-45/TR-45_MAIN/WORKING/2011dec*	TR45/11.12.12-01r2
5.	Early Disclosure Policy The Chair informed the meeting attendees of the TIA Patent Policy, per Note 3 on the meeting agenda. There were no comments from the meeting attendees regarding the early disclosure of patents.	
6.	Introduction of Submissions and Contributions and Numbering	TR45/11.12.12-00r1

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	The meeting document assignment list provided in document -00r1 was approved. *Secretary's Note: During the meeting TR45/11.12.12-00r2 was created and posted at ftp://ftp.tiaonline.org:21/TR-45/TR-45_MAIN/WORKING/2011dec*	
7.	Review of Meeting Report from Previous Meeting Document -02, the report of the TR-45 meeting held 7-8 September 2011 in Seattle, WA, was approved.	TR45/11.12.12-02
8.	TR-45 Vice-Chair Election By acclamation, Mark Lipford (Sprint) was confirmed as the new Vice-Chair of TR-45 for the 2012-2013 term. The outgoing Vice-Chair, Gerry Flynn (Verizon Wireless) was formally thanked for his service to TR-45. Document -16 was provided for information. **Action 45-2011/12-01** The TR-45 Chair will work with TIA to create a "Certification of Appreciation" plaque for Gerry Flynn, outgoing TR-45 Vice-Chair.	TR45/11.12.12-16
9.	Reports	
	a. TR-45.3 Subcommittee, P. Musgrove There was no written report. A verbal update was provided by the TR-45.3 Vice-Chair, J. Ragsdale. **Action 45-2011/12-02** TIA will provide the status of the TIA/EIA-136-G series documents to the TR-45.3 leadership.	
	b. TR-45.4 Subcommittee, D. Ott Document -04 was presented. TR-45 confirmed the TR-45.4 election of David Ott (Qualcomm) as Chair and Shahab Sayeedi (Nokia Siemens Networks) as Vice Chair.	TR45/11.12.12-04
	c. TR-45.5 Subcommittee, O. Pearson Document -05r1 was presented. TR-45 confirmed the TR-45.5 election of Orlett Pearson (Alcatel-Lucent) as Chair and Ke-Chi Jang (Ericsson) as Vice Chair. Document -05a, the list of TR-45 backlog documents, was provided for information noting that TIA is using the information to continue to publish the documents in the	TR45/11.12.12-05r1

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backlog. Document -05b, the Summary of SGIP PAP2 2011 Activities since October 2011, was presented by T.Chen for information. **Action 45-2011/12-03** TR-45.5 will submit the required templates for the SGIP catalog update.	
d. TR-45.8 Subcommittee, B. Covell Document -06 was presented for information for consideration. **Action 45-2011/12-04** TIA will update their website with the information provided in document TR45/11.12.12-06b regarding updates to the SS7 TT/SSN assignment repository.	TR45/11.12.12-06
e. Ad Hoc on Authentication Group (AHAG), F. Quick Document -20 was presented for information for consideration. **Action 45-2011/12-05** The AHAG Chair identified several TR-45 documents that either require action immediately or will require action in the near future: ➤ TIA-946 (published in June 2003) needs to be reaffirmed, as of 2008. This document is superseded by TIA-946-A. ➤ TIA-946-1[E] (published in October 2006) needs to be reaffirmed, as of 2011. ➤ TIA-946-2[E] (published in March 2008) needs to be reaffirmed in 2013. ➤ TIA-946-A (published in May 2008) needs to be reaffirmed in 2013. ➤ TIA-1053 (published in January 2005) needs to be reaffirmed. The Chair of the AHAG ad hoc will submit the reaffirmation ballot. ➤ TIA-1085 (published in May 2006) needs to be reaffirmed. The Chair of the AHAG ad hoc will submit the reaffirmation ballot. ➤ TIA-1097 (published in January 2008) needs to be reaffirmed in 2013. This document is superseded by TIA-1097-A. ➤ TIA-1098 (published in January 2008) needs to be reaffirmed in 2013. This document is superseded by TIA-1098-A. ➤ TIA-1098-A (published in January 2008) needs to be reaffirmed in 2013.	TR45/11.12.12-20

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➢ TIA-1169 (published in March 2010) needs to be reaffirmed in 2015. ➢ TIA-1208 (published in August 2011) needs to be reaffirmed in 2016.	
f. AHG on Electronic Media Documentation (AHEM), P. Nurse Document -08 was presented for information.	TR45/11.12.12-08
g. AHG on ESN/UIM/MEID (EUMAG), G. Pellegrino Document -09, the EUMAG meeting summary, and its attachments were presented. It was noted that future written MEID reports may not be necessary, as the information will be available online. **Action 45-2011/12-06** TR45/11.12.12-33 was remanded to TR-45.5, TR-45.8 and EUMAG for information for consideration. **Action 45-2011/12-07** The Chair will email a response to TR45/11.12.12-33 acknowledging receipt and noting that a comprehensive reply will be forth coming. **Action 45-2011/12-08** TR45/11.12.12-34 (proposed response to document -33) was remanded to TR-45.5, TR-45.8 and EUMAG for review and comments to the EUMAG. EUMAG will draft proposed TR-45 reply correspondence (in mid-February 2012) and TR-45 plans to seek approval of the correspondence via email prior to transmittal.	TR45/11.12.12-09 TR45/11.12.12-33 TR45/11.12.12-34
• MEID Administrator's Report, J. Derr The MEID report, noting activity through 31 August 2011, was presented in document -11.	TR45/11.12.12-11
• UIM_ID Administrator's Report, J. Derr The UIM_ID Administrator provided a verbal update, noting that the last ESN assignment was made 31 December 2010 and that four (4) UIM_ID assignments (to three manufacturers) were made in 2011.	
h. J-STD-025 Series Report, J. Brownley & G. Pellegrino Document -35, the J-STD-025 Series status table, was presented	TR45/11.12.12-35

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		for information.	
		Action 45-2011/12-09	
		TIA will confirm that at the end of 10 years, ANSI administratively withdraws a document, if it has not been reaffirmed or withdrawn.	
		• Status of J-STD-025, J-STD-025A	
		During discussions, it was reiterated that the J-STD-025A reaffirmation ballot close date must be coordinated with ATIS before the ballot is opened. The question of withdrawing J-STD-025 was also raised.	
		Action 45-2011/12-10	
		TIA to work with the TIA webmaster to allow only a Yes or No ballot response to a TIA-only document that is being re-affirmed.	
		• Status of J-STD-025-B AD-3	
		It was noted that the J-STD-025-B (including AD1 & AD2) reaffirmation ballot closed, both within ATIS and TIA, on 21 March 2011.	
		i. OID Administration, G. Pellegrino & V. Mitchell	
		While no documents were addressed the question was asked if Victoria Mitchell will remain as an OID Administration contact, given the shift in TIA support of its Engineering Committees.	
	10.	Old Business	
		a. ATIS INES Status	TR45/11.12.12-06
		The TR-45 action item, requesting coordination with the other TR-45 subcommittees to review and provide comments on the ATIS INES material, was closed noting that no comments from any subcommittees were received. This information was provided for information in document -06.	
		b. NIST PAP2	TR45/11.12.12-24
		Document -24 was provided for information. It was noted that the material in -24 is a duplicate of -05b.	
		c. TIA Document Numbering Scheme	TR45/11.12.12-18 TR45/11.12.12-32 TR45/11.12.12-36
		Document -18, the TIA proposed Advisory Note regarding the document numbering scheme, was presented.	

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	Action 45-2011/12-11 The TR-45 response to the proposed Advisory Note was approved as document -36r2 and will be forwarded to TIA by the Chair. Document -32, was introduced to the committee as a tool being provided by TIA to assist in the tracking of documents' progress and place within the development cycle. **Action 45-2011/12-12** Document -32, TIA's new Project Tracking Tool, was remanded to the subcommittees for information. Comments on ways in which the tool can be improved are welcomed by TIA.	
11.	New Business	
	a. TR-45.5 Elections Documents -07 and -13 were provided for information.	TR45/11.12.12-07 TR45/11.12.12-13
	b. MEID Assignment Guideline Changes Document -14, correspondence from the CDG to TR-45 regarding MEID Assignment Guideline Changes, was provided for information noting that it was previously advance-remanded to the EUMAG ad hoc for review and comment. It was noted that -14 was a duplicate of -09b.	TR45/11.12.12-14
	c. Publication of 3GPP2 SC.R4005-0 v1.0 (cdma2000 M2M Numbering Recommendations SRD) Document -31, correspondence from the TR-45 Chair regarding comments from the ballot of TIA-PN-4962 / SC.P4005-0 v0.14 (3GPP2 M2M Numbering Recommendations) was provided for information. **Action 45-2011/12-13** TR45/11.12.12-15a was approved for publication as TIA-4962. The Chair will submit the Publication Authorization Form.	TR45/11.12.12-15 TR45/11.12.12.31
	d. Liaison statement from ITU-T SG 11: [sp14-sg11-oLS-00069] (Request for feedback on attached draft revision of Supplement 62 to ITU-T Q series **Action 45-2011/12-14** TR45/11.12.12-17 was remanded to TR-45.5 and TR-45.8. TR-45 and TR-45.5 will provide comments to TR-45.8 before the end of February 2012. Once compiled, the comments will be forwarded to the ITU-T.	TR45/11.12.12-17

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e. GSC-16 Readout Document -23, GSC-16 Resolutions, was provided for information. During discussions it was noted that: ➢ A new task force (Emergency Communications) was created. TR-45 may be tasked with participation on that Task Force ➢ GSC-17 will be held in May 2013 in S.Korea. **Action 45-2011/12-15** TR45/11.12.12-22 was remanded to all subcommittees and ad hoc groups for information.	TR45/11.12.12-22 TR45/11.12.12-23
f. ITU-T SG 13 Liaison Statement on draft Recommendation Q.1742.10 **Action 45-2011/12-16** TR45/11.12.12-19 was remanded to TR-45.5 and TR-45.8. TR-45.8 will consolidate any responses and forward them to the ITU before the August 2012 deadline.	TR45/11.12.12-19
g. ETSC Cloud Computing Document -21 was presented. During the discussions, it was noted that a Cloud Computing subcommittee (under the TIA Technical Committee) was created. Betsy Covell, Alcatel-Lucent will Chair the subcommittee. The focus of the subcommittee will be: ➢ To identify the current cloud development work within TIA committees and ensure no overlap exists. ➢ To identify "industry" cloud uses and development, and share that information with the appropriate TIA committees. **Action 45-2011/12-17** TR45/11.12.12-21a was remanded to all sub-committees and ad hoc groups for information.	TR45/11.12.12-21
h. Liaison Statement from ITU-R WP5A on Wide-area sensor and/or actuator network (WASN) systems **Action 45-2011/12-18** TR45/11.12.12-25 was remanded to TR-45.5 for information.	TR45/11.12.12-25
i. Liaison Statement from ITU-R WP5A on Invitation to Review the Working document towards the revision of Report ITU-R M.2014-1	TR45/11.12.12-26

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Action 45-2011/12-19 The Chair will forward the liaison statement in TR45/11.12.12-26 to TIA.	
j. Liaison Statement to External Organizations (PPDR) on the Preliminary Draft New Report ITU-R M.[LMS.PPDR.UHF CHANNELS] **Action 45-2011/12-20** TR45/11.12.12-27 was remanded to TR-45.5 for action, as appropriate.	TR45/11.12.12.-27
k. TSB-121 (Reaffirm, Withdraw or Revise) Document -28 was provided for information. **Action 45-2011/12-21** The recommendation to withdraw TSB-121 will be added to the March 2012 TR-45 meeting agenda.	TR45/11.12.12-28
l. Item in ITU-T Q.3/13 Work Programme Concerning Machine Oriented Communication (MOC) **Action 45-2011/12-22** TR45/11.12.12-30 was remanded to TR-45.5 and TR-45.8 for action, as appropriate. TR-45.5 will coordinate and consolidate input. Comments to be sent to TR-45.5 before end of February 2012.	TR45/11.12.12-30
m. TIA Republication Text **Action 45-2011/12-23** TIA will investigate the ability to update a previously submitted Publication Authorization Form so that an updated document can be uploaded (i.e., replace the originally submitted document). TIA to provide an update at the March 2012 meeting of TR-45.	
n. IHS Electronic Document Delivery TIA is investigating a new method to distribute complimentary copies of published Standards to those committee participants that voted on the ballot. Several questions were raised during the discussions: 1. Can a user forward the email announcing the availability of a complimentary copy to another person within the company so that someone other than voter can get the copy? 2. What if the computer is replaced (upgrade, crash, etc.)?	

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3. What if I want to look at the standard on both a computer and a smartphone? 4. Company should have the document, not an individual (person gets new job, etc.) 5. Software (plug in) to be downloaded onto a computer – what if company does not allow 3rd party software? 6. Will document text be "locked" so that future contributions cannot be created by copying and pasting text from the complimentary copy? TR-45 is asking that the concerns raised be addressed before any new procedure is implemented. **Action 45-2011/12-24** The Chair will forward correspondence to TIA highlighting the concerns regarding the new process for distributing complimentary copies of published standards to voting participants.	
12. Liaison Reports Unless otherwise noted, there were no liaison reports provided during this meeting.	
a. CTIA, R. Kemper	
b. ITU-T, vacant	
c. ITU-R, M. Epstein	
d. CITEL, vacant	
e. Wireless Communication Division (WCD), vacant	
f. TIA, V. Mitchell • Emerging Technologies Subcommittee (ETSC)	
g. 3GPP2, G. Flynn	
h. 3GPP, P. Musgrove	
i. ATIS, T. Jefferies	
j. IFAST, E. Hall Document -10 was provided for information.	TR45/11.12.12-10
13. Review Assignments Assignments/actions are provided throughout the report of this meeting.	
14. Review Meeting Schedules	
a. 2012 TR-45 Meeting Schedule The 2012 TR-45 meeting dates and locations are copied below as noted (and approved) in document TR45/110907-24. It was noted that the meeting hotels have been contracted for the March and December 2012 meetings.	TR45/11.09.07.24

	Agenda Item	Document(s)
	<table><tr><th>DATE</th><th>LOCATION</th></tr><tr><td>Wed-Thu 7-8 March</td><td>Atlanta (Buckhead)</td></tr><tr><td>Wed-Thu 30-31 May</td><td>[Jersey City or Las Vegas]</td></tr><tr><td>Wed-Thu 5-6 September</td><td>Chicago (Downtown)</td></tr><tr><td>Thu-Fri 6-7 December</td><td>Hawaii</td></tr></table>	
	• June 2012 Meeting Dates It was reported that 3GPP2 may be hosting a workshop in the May/June 2012 timeframe. This workshop may affect the TR-45 meeting dates. However, no changes to the TR-45 schedule will be made at this time. This topic will be readdressed once additional information on the 3GPP2 workshop dates is available. **Action 45-2011/12-25** Following the 3GPP2 2012 workshop teleconference (scheduled for 11 January 2012), the Chair will circulate an email to discuss next steps regarding the May/June 2012 TR-45 meeting.	
	d. 2012 Subcommittee Meeting Schedules The 2012 schedules of the TR-45 subcommittees are contained in the individual subcommittee reports to TR-45.	
15.	Open Discussion TIA has changed its committee support model and will no longer provide a Secretary to TR-45. The committee Manager, Germaine Palangdao will attend future TR-45 meetings; however, it will not be in a Secretary capacity. Victoria Mitchell will continue to attend TR-45 meetings in a 3GPP2 "liaison" capacity, in order to ensure the continuity of service provided to both organizations.	
16.	Adjournment Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at approximately 11:30 AM local	

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time on 13 December 2011. Jane Brownley Chair Engineering Committee TR-45 Victoria Mitchell Secretary Engineering Committee TR-45	

Note 1: Participation in, or attendance at, any activity of a TIA Formulating Group or any subelement thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by the head of TIA's Standards Program on a case-by-case basis.

Note 2: Contributions uploaded will not be distributed via paper copy at the meeting. Contributions will be uploaded to the TIA ftp site prior to the meeting and during the meeting. For access to the ftp sites, the username/password is tiatr45/1tr45. For electronic documentation distribution guidelines see the Guidelines for TR45 Electronic Document Coordination Process and Policy appended to the TIA Guidelines for Electronic Document Coordinators (EDC) located at http://www.tiaonline.org/standards/sfg/edc_guidelines.cfm For TIA ftp site assistance contact Victoria Mitchell, Director, Standards & Technology at (703) 907-7779 or vmitchell@tiaonline.org.

Note 3: The TIA Patent Policy can be found in Statements of Policy and subsequent sections of the updated TIA Engineering Manual (issued and effective October 2009). Participants in the work of the TIA Formulating Group are urged to review and comply with the appropriate sections (i.e., Section 6.5.1 and Annex H.)