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## Approved by General Counsel

TR-45 Meeting Report

Date: 6/01-02/11

Location: San Antonio, TX

Approved: 08/5/11

TIA Engineering Committee TR-45  
Meeting Report  
1-2 June 2011 – San Antonio, TX

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	<b>Agenda Item</b>	<b>Document(s)</b>
1.	<p>Call to Order &amp; Opening Remarks</p> <p>The meeting was called to order on 1 June 2011 by the Chair, J.Brownley, at 1:10pm (local time).</p>	
2.	<p>Important Notice of Participation – see Note 1</p> <p>The Chair informed the meeting attendees of the Important Notice of Participation provided in Note 1 on the meeting agenda.</p>	
3.	<p>Attendance Registration &amp; Roll Call – please sign-in at <a href="http://tr45.tiaonline.org">tr45.tiaonline.org</a></p> <p>Meeting attendees signed-in electronically at <a href="http://tr45.tiaonline.org">tr45.tiaonline.org</a> and attendance was recorded as indicated by the quorum information provided below. Quorum was established.</p> <p><u>Quorum Members Present</u> Alcatel-Lucent, CommFlow Resources, Ericsson, Huawei, Qualcomm, Sigma Delta Communications, Verizon Wireless</p> <p><u>Quorum Members Absent</u> AT&amp;T, CDG, NCS, Telcordia</p> <p><u>Others Present</u> Nokia Siemens Networks, TIA, ZTE</p>	
4.	<p>Agenda Review &amp; Approval</p> <p>The meeting agenda, presented in TR45/11.06.01-01r2, was reviewed and approved.</p> <p><i>Secretary's Note: During the meeting, changes were made to the agenda. TR45/11.06.01-01r3 was created and posted.</i></p>	TR45/11.06.01-01r2
5.	<p>Early Disclosure Policy – see Note 3</p> <p>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.</p>	
6.	<p>Introduction of Submissions and Contributions and Numbering – see Note 2</p> <p>The meeting documents were numbered and assigned to the agenda as provided in TR45/11.06.01-00r2.</p> <p><i>Secretary's Note: During the meeting, changes were made to the</i></p>	TR45/11.06.01-00r2

	<b>Agenda Item</b>	<b>Document(s)</b>
	<i>document list. 11.06.01-00r3 was created and posted.</i>	
7.	Review of Meeting Report from Previous Meeting The 2-3 March 2011 TR-45 meeting report provided in TR45/11.06.01-02r1 was approved as presented.	TR45/11.06.01-02r1
8.	Reports	
	a. TR-45.3 Subcommittee, P. Musgrove TR45/11.06.01-03, the TR-45.3 report, was provided for information by J.Ragsdale on behalf of P.Musgrove.	TR45/11.06.01-03
	b. TR-45.4 Subcommittee, D. Ott TR45/11.06.01-04, the TR-45.4 report, was provided for information by Z.Li on behalf of D.Ott. TR45/11.06.01-04a regarding Smart Grids was deferred for discussion until agenda item 9D.	TR45/11.06.01-04
	c. TR-45.5 Subcommittee, O. Pearson TR45/11.06.01-05, the TR-45.5 report, was provided for information by O.Pearson. TR-45 thanked TIA for clearing over half of the back logged unpublished TR-45.5 standards.  <b>Action 45-2011/06-01</b> TR-45.5 agreed to provide additional information on the new TTY project (TIA-889-B - TTY/TDD Minimum Performance Specification).	TR45/11.06.01-05
	d. TR-45.8 Subcommittee, B. Covell TR45/11.06.01-06, the TR-45.8 report, was provided for information by B.Covell.  TR-45 confirmed the election of Marvin Bienn of Ericsson as TR-45.8 Vice-Chair. TR45/11.06.01-32, the letter of support for TR-45.8 Vice Chair, was provided for information.  <b>Action 45-2011/06-02</b> Chair will provide the updated text supplied in TR45/11.06.01-06 (section 1.ii) to NIST PAP2 for inclusion in the catalog of standards.  <b>Action 45-2011/06-03</b> TR-45.8 will coordinate with TR-45.5 relative to the new project to add Spanish language alerts to CMAS messages.  <b>Action 45-2011/06-04</b> Section J of TR45/11.06.01-06 regarding Non-Voice Emergency Communications was remanded to all subcommittees for review and action as appropriate.	TR45/11.06.01-06 TR45/11.06.01-32
	e. Ad Hoc on Authentication Group (AHAG), F. Quick	TR45/11.06.01-07r1

	<b>Agenda Item</b>	<b>Document(s)</b>
	<p>TR45/11.06.01-07r1, the AHAG report, was provided for information by F.Quick.</p> <p>The following documents were provided for information:</p> <ul style="list-style-type: none"> <li>TR45/11.06.01-16</li> <li>TR45/11.06.01-18</li> <li>TR45/11.06.01-21</li> <li>TR45/11.06.01-24</li> <li>TR45/11.06.01-35</li> </ul> <p>The email correspondence in TR45/11.06.01-21 that TR-45 approved a 30-day TIA ballot of PN-3-0416, Advanced Security Framework for HRPD and (e)HRPD Systems, was noted for the record.</p> <p>TR45/11.06.01-35 was noted as correspondence from TR-45 to 3GPP2 TSG-S regarding the TIA ballot results of Advanced Security Framework for HRPD and (e)HRPD Systems (S.P0145-0 v0.3.)</p>	<p>TR45/11.06.01-16</p> <p>TR45/11.06.01-18</p> <p>TR45/11.06.01-21</p> <p>TR45/11.06.01-24</p> <p>TR45/11.06.01-35</p>
	<ul style="list-style-type: none"> <li>• Recommendation to Publish PN-3-0416 as TIA-1208 TR45/11.06.01-36a, marked copy of the 3GPP2 TSG-S V&amp;V'd text, was reviewed during the TR-45 meeting. Attention was drawn to the marked text. It was determined that no new requirement (i.e., normative text) was introduced during the V&amp;V comment resolution.</li> </ul> <p><b>Action 45-2011/06-05</b>  TR-45 approved for publication as TIA-1208, the Advanced Security Framework for HRPD and (e)HRPD Systems, as provided in TR45/11.06.01-36b. The Chair will submit the Publication Authorization Form to TIA.</p> <p><b>Action 45-2011/06-06</b>  TR-45 approved the correspondence in TR45/11.06.01-07aR1. The Chair will forward the reply letter in TR45/11.06.01-07aR1 to Qualcomm acknowledging their "Approve with Comments" vote on PN-1208.</p>	<p>TR45/11.06.01-36</p>
	<p>f. AHG on Electronic Media Documentation (AHEM), P. Nurse</p> <p>TR45/11.06.01-08, the AHEM report, was provided by P.Nurse for information.</p>	<p>TR45/11.06.01-08</p>
	<p>g. AHG on ESN/UIM/MEID (EUMAG), G. Pellegrino</p> <p>TR45/11.06.01-09, the EUMAG report, was provided by G.Pellegrino for information.</p>	<p>TR45/11.06.01-09</p>
	<ul style="list-style-type: none"> <li>• ESN Administrator's Report, J. Derr</li> </ul> <p>J.Derr provided a verbal report. It was noted that there were no</p>	

	<b>Agenda Item</b>	<b>Document(s)</b>
	ESN assignments since the last TR-45 meeting in March 2011.	
	<ul style="list-style-type: none"> <li>MEID Administrator's Report, J. Derr</li> </ul> TR45/11.06.01-11 was provided for information by J.Derr.	TR45/11.06.01-11
	<ul style="list-style-type: none"> <li>UIM_ID Administrator's Report, J. Derr</li> </ul> J.Derr provided a verbal report.	
	h. J-STD-025 Series Report, J. Brownley & G. Pellegrino TR45/11.06.01-43 was provided for information.	TR45/11.06.01-43
	<ul style="list-style-type: none"> <li>Status of J-STD-025, J-STD-025A</li> </ul> It was reported that J-STD-025 and J-STD-025A had not been reaffirmed. TR-45 approved the reaffirmation of J-STD-025 and J-STD-025-A. <b>Action 45-2011/06-07</b> <ol style="list-style-type: none"> <li>TIA agreed to contact ATIS that TIA TR-45 intends to seek reaffirmation of J-STD-025 and J-STD-025A.</li> <li>TIA agreed to contact ATIS to coordinate the reaffirmation ballots once ATIS agrees to and approved of the reaffirmations.</li> </ol> It was noted that ATIS PTSC meets 1-4 August 2011 and ATIS WTSC meets 25-28 July 2011.	
	<ul style="list-style-type: none"> <li>Status of J-STD-025B</li> </ul> TR-45 approved J-STD-025B and its two addenda for reaffirmation publication as provided in TR45/11.06.01-45. TR45/11.06.01-28 and TR45/11.06.01-29 were provided for information.  <b>Action 45-2011/06-08</b> The Chair will submit the Publication Authorization Form for the reaffirmation publication of J-STD-025B and its two addenda.	TR45/11.06.01-28 TR45/11.06.01-29 TR45/11.06.01-45
	<ol style="list-style-type: none"> <li>Status of J-STD-025B AD-3</li> </ol> TR45/11.06.01-20, TR45/11.06.01-22, TR45/11.06.01-23, and TR45/11.06.01-31 were provided for information. It was noted that TR45/11.03.02.31r3 and TR45/11.03.02.06A2r1 were simply attachments to TR45/11.06.01-31.  Addendum 3 to J-STD-025B as provided in TR45/11.06.01-22ar1 (as amended without the draft watermarks) was approved by TR45 for ballot.  <b>Action 45-2011/06-09</b> The Chair will submit the Ballot Authorization Form for J-STD-025-B Addendum-3. <ol style="list-style-type: none"> <li>TIA will contact ATIS regarding TR-45's intent to ballot</li> </ol>	TR45/11.06.01-20 TR45/11.06.01-22 TR45/11.06.01-31 TR45/11.06.01-31r3 TR45/11.06.01-06A2r1 TR45/11.06.01-23

	Agenda Item	Document(s)
	<p>J-STD-025-B AD-3 and seek ATIS agreement and approval to also issue and coordinate a ballot of AD-3 to J-STD-025-B.</p> <p>2. TIA will not “activate” the TR-45 ballot of J-STD-025-B AD-3 until after J-STD-025-B (and its 2 addenda) are published (by TIA and ANSI) and after ATIS agreement and approval to also issue and coordinate a ballot of AD-3 to J-STD-025-B.</p>	
	<p>i. OID Administration, G. Pellegrino &amp; V. Mitchell</p> <p><b>Action 45-2011/06-10</b> The Chair will forward TR45/11.06.01-41 and TR45/11.06.01-40 to ATIS.</p> <p><b>Action 45-2011/06-11</b> TIA will post TR45/11.06.01-40 to the TIA website.</p> <p><b>Action 45-2011/06-12</b> The Secretary will forward TR45/11.06.01-42r1 and TR45/11.06.01-40 to the TIA TSSC.</p>	<p>TR45/11.06.01-40 TR45/11.06.01-41 TR45/11.06.01-42r1</p>
9.	Old Business	
	<p>a. NIST Smart Grid Work</p> <p>Document -34a was presented by T.Chen, the TR-45.5 liaison to SGIP PAP2. It was noted that there has been a great deal of work already completed by the SDOs to evaluate the existing technologies. TIA is encouraging SGIP PAP2 to use existing evaluation results and to move away from requiring additional new simulations.</p> <p>TR45/11.06.01-28, TR45/11.06.01-19 and TR45/11.06.01-34a were provided for information. It was also noted that TR45/11.06.01-34 is a duplicate of TR45/11.06.01-19.</p>	<p>TR45/11.06.01-28 TR45/11.06.01-19 TR45/11.06.01-34a</p>
	<p>b. Publication of TSB-16B</p> <p>Document TR45/11.06.01-14 was provided for information for consideration. It was agreed that the word “must” does not apply to the TSB text but to the underlying standards. So it was agreed that the word “must” could remain in this informational TSB as used in context.</p> <p><b>Action 45-2011/06-13</b> TIA will publish TSB-16-B, as submitted by TR-45 (as provided in TR45/11.06.01-30a).</p>	<p>TR45/11.06.01-14 TR45/11.06.01-30</p>
	<p>c. ATIS/TIA Joint Work on Coexistence and Interference Issues in Land Mobile Systems</p> <p>J.Ragsdale provided a verbal update. It was noted that plans</p>	

	<b>Agenda Item</b>	<b>Document(s)</b>
	remain on target for the first deliverable at the end of year 2011.	
	<p>d. ITU-T Smart Grid Focus Group TR45/11.06.01-15 was provided for information.</p> <p><b>Action 45-2011/06-14</b> TR-45 will provide the updates contained in TR45/11.06.01-04a for the repository on Smart Grids to TIA. TIA will forward the information to the ITU-T Smart Grid Focus Group.</p>	TR45/11.06.01-15 TR45/11.06.01-04a
10.	New Business	
	<p>a. TIA Publication of SC.R4001-0 &amp; SC.R4002-0 TR45/11.06.01-25 and TR45/11.06.01-26 were provided for information. The posting of these documents on the TIA website was addressed during agenda item 8g.</p>	TR45/11.06.01-25 TR45/11.06.01-26
	<p>b. Liaison on the status update on revision of Recommendations ITU-R M.1580-3 and M.1581-3</p> <p><b>Action 45-2011/06-15</b> TR45/11.06.01-27 was officially remanded to TR-45.5.</p>	TR45/11.06.01-27
	<p>c. TTY support for CDMA Smartphones It was noted that the ATIS INES is currently working on assumptions and requirements. There is interest in ensuring that the INES outcome is system and technology agnostic.</p> <p><b>Action 45-2011/06-16</b> As noted in agenda item 8d Action 45-2011/06-04, Section J of TR45/11.06.01-06 regarding Non-Voice Emergency Communications was remanded to the TR-45 subcommittees for review and action as appropriate. This topic will be carried forward to the TR-45 September agenda for further discussion.</p>	TR45/11.06.01-06
	<p>d. Proposed New Joint ATIS/TIA CMAS Work Item for Support for Delivery of Spanish Language Commercial Mobile Alerts System (CMAS) Alerts</p> <p><b>Action 45-2011/06-17</b> Documents TR45/11.06.01-33 and TR45/11.06.01-33a were remanded to all TR-45 subcommittees for review and action, and to coordinate with TR-45.8, as necessary.</p>	TR45/11.06.01-33
	<p>e. Response to Question ITU-R 101-4/5 TR45/11.06.01-37 was provided for information.</p>	TR45/11.06.01-37
	<p>f. GSC-16 Preparation</p> <p><b>Action 45-2011/06-18</b> Document TR45/11.06.01-38 was remanded to TR-45.5, TR-45.8 and EUMAG for information, in preparation for GSC-16.</p>	TR45/11.06.01-38
11.	Liaison Reports	
	a. CTIA, R. Kemper	

	<b>Agenda Item</b>	<b>Document(s)</b>
	There was no report.	
	b. ITU-T, vacant There was no report.	
	c. ITU-R, M. Epstein There was no report. Nevertheless, it was noted that the 5D IMT Update document (i.e., market analysis and forecast document) would benefit from inputs from TIA member companies. Target date for document completion is January 2012.	
	d. CITELE, vacant There was no report.	
	e. Wireless Communication Division (WCD), vacant There was no report.	
	f. TIA, V. Mitchell <b>Action 45-2011/06-19</b> TIA will update the 3GPP2 website with TIA document numbers before the next TR-45 meeting in September 2011. The Secretary will have a link placed on the TIA website to the 3GPP2 cross-reference information.  <b>Action 45-2011/06-20</b> The Secretary will set up a conference call with Matt Langan and the TR-45 Chairs to discuss numbering scheme concerns.	
	<ul style="list-style-type: none"> <li>• Emerging Technologies Subcommittee (ETSC)</li> </ul> <b>Action 45-2011/06-21</b> TR45/11.06.01-39r1 (that also contains the CCTG meeting agenda and teleconference (GoToMeeting) information) was remanded to: <ul style="list-style-type: none"> <li>➤ All TR-45 subcommittees to review and to provide a list (directly to the Cloud Computing Task Group) of standards published or under development that can be applied or used for cloud computing.</li> <li>➤ EUMAG and AHAG for information.</li> </ul> <b>Action 45-2011/06-22</b> The Chair will forward TR45/11.06.01-39r1 (that also contains the CCTG meeting agenda and teleconference information) to the subcommittee Chairs to share with their members.	TR45/11.06.01-39r1
	<ul style="list-style-type: none"> <li>• TIA Ballots Returned as “Approve with Comments” but no comments submitted</li> </ul> <b>Action 45-2011/06-23</b> TR45/11.06.01-46r1 was approved for transmission to the subcommittee Chairs.	TR45/11.06.01-46r1

	Agenda Item	Document(s)
	g. 3GPP2, G. Flynn There was no report.	
	h. 3GPP, P. Musgrove There was no report. Nevertheless, it was noted that Release 10 would be used for IMT-Advanced.	
	i. ATIS, <i>vacant</i> There was no report.	
	j. IFAST, E. Hall TR45/11.06.01-10 was provided by E.Hall for information.	TR45/11.06.01-10
12.	Review Assignments Meeting assignments are provided throughout the meeting report.	
13.	Review Meeting Schedules	
	a. TR-45 2011 Meeting Schedule TR45/11.06.01-23 was provided for information.	TR45/11.06.01-23
	b. Subcommittee 2011 Schedules	
	c. 2012 TR-45 Meeting Schedule TR45/11.06.01-44 was provided for information. Concerns was raised regarding the date of the June 2012 TR-45 meeting in light of the fact that 3GPP2 meets the following week in Asia and TIA 2012 meets the same week in Dallas.  <b>Action 45-2011/06-24</b> TIA will begin planning the March 2012 meeting. The June 2012 meeting date will be revisited in September 2011 during the next TR-45 meeting in Seattle.	TR45/11.06.01-44
14.	Open Discussion There were no additional items discussed.	
15.	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 10:40am local time on 2 June 2011.  Jane Brownley Chair Engineering Committee TR-45  Victoria Mitchell	

	Agenda Item	Document(s)
	Secretary Engineering Committee TR-45	

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**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.)