Approved by General Counsel

TR-45 Meeting Report

Date(s): 05/30/2012 - 05/31/2012

Location: Las Vegas, NV

Approved: 07/02/2012

Telecommunication Industry Association (TIA)
TR-45 Committee
Mobile & Personal Communications Standards
Report of Meeting
30-31 May 2012
The Bellagio, Las Vegas, NV

1. **Call to Order & Opening Remarks**
   The TR-45 Committee was convened on 30 May 2012 at the Bellagio in Las Vegas, NV at 1:00 PM local time.
   J.Brownley/Chair called the meeting to order and welcomed the TR-45 membership to Las Vegas.

2. **Important Notice of Participation**
   The Chair duly informed the meeting attendees of the Important Notice of Participation provided on the meeting agenda in Note 1.

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 List – Members Present			
Member	**Representative**	**Attendance**	
		Last	**Prior**
1. Alcatel-Lucent	J. Brownley	X	X
2. CDMA Development Group	S. Samra	X	X
3. CJ Barber Consulting	C. Barber	X	
4. CommFlow Resources	G. Pellegrino	X	X
5. Ericsson	K. Jang	X	X
6. Nokia Siemens Networks	S. Sayeedi	X	X
7. Qualcomm, Inc	D. Ott (via GoToMeeting)	X	X
8. Sprint	M. Lipford (via GoToMeeting)	X	

Quorum List – Members Absent			
Member	**Representative**	**Attendance**	
		Last	**Prior**
1. Sigma Delta Communications	P. Nurse	X	X
2. Verizon Wireless	G. Flynn	X	

[Note: The "Quorum List – Members Absent" table identifies the member companies not present at this meeting. Of these member companies, the ones who also have not attended the last two meetings (no "X" in either the "Last" or "Prior" column) will be dropped from the quorum list for the next meeting.]

Others Present	
Member	**Representative**
1. Alcatel-Lucent	F. O'Brien
2. Alcatel-Lucent	O. Pearson
3. Alcatel-Lucent	B. Covell
4. Sprint	G. Schumacher (via GoToMeeting)
5. TIA	S. Montgomery
6. TIA	J. Derr (via GoToMeeting)

4. **Agenda Review & Approval**

A motion was made by B.Covell and seconded by C.Barber to approve the meeting agenda provided in document .01r2. The motion passed with no objections.

Chair's Note, the meeting agenda provided in document .01r3 as amended during the course of the meeting is available at http://ftp.tiaonline.org/TR-45/TR-45_MAIN/WORKING/2012may

5. **Early Disclosure Policy**

The Chair duly 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**

The following documents were numbered and assigned accordingly. Meeting participants were strongly encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.

Number	Title	Source	Agenda Item
TR45/12.05.30.00r3	Submission & Contribution Assignment List	J.Brownley Chair	6
TR45/12.05.30.01r3	Meeting Agenda	J.Brownley Chair	4
TR45/12.05.30.02 TR45/12.05.30.02r1	TR-45 Meeting Report of 7-8 March 2012	J.Brownley Chair	7
TR45/12.05.30.03/a/b	TIA Meeting Notice re: Information Alerts 002 and 003	H. Congdon TIA	10l
TR45/12.05.30.04	TR-45.4 Report	D. Ott Chair TR-45.4	8b, 13b
TR45/12.05.30.05/a/b/c/d	TR-45.5 Report	O. Pearson Chair TR-45.5	8c, 13b
TR45/12.05.30.06/a/b/c	TR-45.8 Report	B.Covell Chair TR-45.8	8d, 13b
TR45/12.05.30.07	TR-45 2012 Meeting Schedule	J.Brownley Chair	13a
TR45/12.05.30.08/a/b/c/e	TIA Meeting Notice regarding Revision of Annex J – Document Numbering Scheme	H. Congdon TIA	10l
TR45/12.05.30.09/ar1/b	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	8g
TR45/12.05.30.10	IFAST Liaison Report	E. Hall IFAST Liaison	11j
TR45/12.05.30.11	Proposed Correspondence to ATIS WTSC LI dated 31 May 2012 regarding Femtocell LI Concept Joint Discussion	G. Pellegrino Chair TR-45.8 LIG	8d
TR45/12.05.30.12/a/b/c	UIM_ID Administrator's Report	J. Derr UIM_ID Administrator	8g
TR45/12.05.30.13	TR-45 2013 Meeting Schedule - Proposed	J.Brownley Chair	13c
TR45/12.05.30.14/a	Correspondence to MTS India, Dated: 7 March 2012, Regarding: Support of EIR and availability of handset identifier in the call flow	J.Brownley Chair	8g

TR45/12.05.30.15/a/b	Correspondence to TIA, Dated: 7 March 2012, Regarding: Discussion of joint TIA-ATIS publications	J.Brownley Chair	9c
TR45/12.05.30.16/a/b	Correspondence to TIA, Dated: 7 March 2012, Regarding: ITU-R WP5D Request for External Organizations Principal Contacts	J.Brownley Chair	9h
TR45/12.05.30.17	Correspondence from TIA, Dated: 19 March 2012, Regarding: ITU-R WP5D Request for External Organizations Principal Contacts	C. Blum TIA	9h
TR45/12.05.30.18/a	Correspondence from TIA to ITU-R WP5D, Dated: 20 March 2012, Regarding: ITU-R WP5D Request for External Organizations Principal Contacts	C. Blum TIA	9h
TR45/12.05.30.19	Email from TIA, Dated: 21 March 2012, Regarding: Distribution of Complimentary Copies of Standards	C. Blum TIA	9g
TR45/12.05.30.20/a	Email from TIA, Dated: 26 March 2012, Regarding: TIA Information Alert 004 on Public Documents	H. Congdon TIA	10a
TR45/12.05.30.21	Email from TIA, Dated: 28 March 2012, Regarding: TIA2012- Inside the Network	S. Montgomery TIA	10b
TR45/12.05.30.22	Liaison Statement from ITU-T SG-2 to 3GPP2 and others, Regarding: Assignment of 3 Digit MNCs	C. Blum TIA	10c
TR45/12.05.30.23	Liaison Statement from ITU-T SG-2 to 3GPP2 and others, Regarding: Availability of civic alerting function of 3GPP/3GPP2 terminal at roaming	C. Blum TIA	10d
TR45/12.05.30.24	Email from TIA, Dated: 19 April 2012, Regarding: TIA Technology and Standards Engineering Committee Support Update	H. Congdon TIA	10e
TR45/12.05.30.25	Correspondence from 3GPP2 TSG-S to 3GPP2 OPs, dated 19 April 2012, Regarding: Notification of 3GPP2 Technical Document Development	N. Yamasaki Chair, 3GPP2 TSG-S	8d
TR45/12.05.30.26	Correspondence from 3GPP2 TSG-S to TR-45.8, dated 19 April 2012, Regarding: TIA Legal Comments on TSB-1213/S.R0139-0	N. Yamasaki Chair, 3GPP2 TSG-S	8d
TR45/12.05.30.27/a	Correspondence from TR-45.8 to ITU-T SG-11, Dated 20 April 2012, Regarding: Supplement 62 to ITU-T Q Series Recommendation	B. Covell Chair, TR-45.8	9i
TR45/12.05.30.28/a	Correspondence from TR-45.5 to SGIP PAP02, dated: 23 April 2012, Regarding: Wireless Characteristics Matrix for Guideline 2.0	O. Pearson Chair, TR-45.8	9d
TR45/12.05.30.29	Email to TIA, Dated: 24 April 2012, Regarding: TIA Document Numbering Scheme	J. Brownley Chair	9e

TR45/12.05.30.30/a/b	Correspondence to ITU-R, dated 25 April 2012; Regarding: TIA ITU M.1457-11 Letter of Conveyance	S. Montgomery TIA	9j
TR45/12.05.30.31	Email from TIA, dated 26 April 2012, Regarding: Reaffirmation Publication of J-STD-025-B, B-1, B-2	T. Jenkins TIA	8h
TR45/12.05.30.32/ar2	Email from TIA, dated 30 April 2012, Regarding: Archived Joint Standards	S. Montgomery TIA	9c
TR45/12.05.30.33	OneM2M – M2M Global Initiative	TIA TSSC	9k
TR45/12.05.30.34	New Initiatives	TIA TSSC	10f
TR45/12.05.30.35/a	Style Guides	TIA TSSC	10g
TR45/12.05.30.36	TR-45 Report to TIA TSSC	J. Brownley Chair	10h
TR45/12.05.30.37/a/br1/c	TIA Standards Secretariat Report and Information	TIA TSSC	10i
TR45/12.05.30.38/a/b/c	Correspondence from TIA Standards Secretariat, Dated 20 April 2012, Regarding: Revision of Annex J of Engineering Manual (5th Edition)	TIA TSSC	9e
TR45/12.05.30.39	TIA2012: Inside the Network	TIA TSSC	10b
TR45/12.05.30.40	Email from TIA to ATIS, dated 27 April 2012, Regarding New Joint Work on SMS-to-9-1-1	S. Montgomery TIA	10j
TR45/12.05.30.41	Email from TIA to TSSC, dated 4 May 2012, Regarding Smart Grid – SGIP – and Home to Grid WG	C. Blum TIA	10k
TR45/12.05.30.42	TIA TSSC Meeting Report – 24 April 2012	TIA TSSC	10l
TR45/12.05.30.43	TIA TC Meeting Report – 26 April 2012	TIA TC	10l
TR45/12.05.30.44/a/b	Invitation to the 3GPP2 "cdma Technology Workshop" 14 June 2012	J. Brownley Chair	10m
TR45/12.05.30.45/ar1	Liaison from WP 5A regarding contacts for liaison and collaboration with other organizations	S. Buonomo ITU-R SG-5	10n
TR45/12.05.30.46	TIA 2012: TIA Membership Meeting on Tuesday June 5th	S. Montgomery TIA	10b
TR45/12.05.30.47r1	J-STD-025 Series – TR-45 Activity Status	G. Pellegrino Chair TR-45.8 LIG	8h
TR45/12.05.30.48a/b	TIA Technical Committee – Cloud Computing Subcommittee Report	B. Covell Chair CCSC	10o
TR45/12.05.30.49/a	OneM2M Meeting Notice and Invitation	V. Mitchell TIA	9k
TR45/12.05.30.50	Status of Joint TIA/ATIS Standards	S. Montgomery TIA	9c
TR45/12.03.07.49	J-STD-025-A	TIA	8h

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7. Review of Meeting Report from Previous Meetings

The TR-45 Committee 7-8 March 2012 meeting report numbered TR45/12.05.30.02 was reviewed. An omission in the meeting report on page 12 of 14 under agenda item 10.k was noted. The meeting report was amended to include the sentence **"**TR-45 recommends that TIA rescind for further study and refinement the TIA Standards Information Alert #002, "Changes to Online Document Forms and Process." A motion was made by C.Barber and seconded by O.Pearson to approve the revised meeting report provided in document .02r1. The motion passed with no objections. The Chair will provide document .02r1 to TIA for legal re-review prior to distribution.

Action TR45-2012/05-01

The Chair will provide document .02r1, the revised 7-8 March 2012 TR-45 meeting report, to TIA for legal re-review prior to distribution and re-posting on the TIA website.

8. Reports

8a. TR-45.3 Subcommittee

There was no TR-45.3 report to TR-45.

8b. TR-45.4 Subcommittee

S. Sayeedi presented document .04 as the TR-45.4 report to TR-45 for information. The report indicated that there are eight TIA projects in development and three standards were approved for ANSI reaffirmation.

8c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the written TR-45.5 report to TR-45 for information.

Regarding the joint ATIS/TIA Standard work on Coexistence and Interference Issues in Land Mobile Systems, the TR-45.5 report indicated that the joint work continues on the development of the P0017-v0.72 standard. Plans are to complete the baseline of Phase I in 2Q2012. The next JCOEXIST meeting is scheduled for July 23-24 in Spokane, WA.

Regarding NIST PAP2, TR-45.5 reported that updates were provided on the Wireless Capability Matrix for Guideline 2.0 as provided in document .28. Document .05d, a summary of SGIP PAP2 activities, was presented for information. It was reported that TR-45.5 is on track to have cdma2000 1x and HRPD "identified" in the SGIP Catalogue of Standards.

Documents .05b and .05c regarding outstanding publications were provided for information and reviewed. It was noted that TR-45.5 continues to work with TIA to address the outstanding publications and good progress has been made.

8d. TR-45.8 Subcommittee

B. Covell provided document .06 and its attachments as the TR-45.8 report to TR-45 for information. Regarding the JCMAS work, TR-45.8 reported that during the course of JCMAS deliberations no changes have been identified for the joint documents although changes are being made to the ATIS only specifications. Plus TIA TR-45.8 and ATIS WTSC G3GSN have agreed to initiate revisions of J-STD-100, J-STD-101-1, and J-STD-102 to address bug fixes that have been found since the documents were published.

TR-45.8 requested that TR-45 support a joint discussion between TIA TR-45.8 LIG and ATIS WTSC LI to look at Femtocell LI concepts. There were no objections to TR-45 supporting the joint discussion as presented in document .06. There were no objections to the correspondence provided in Document .11 to go forward to ATIS WTSC LI indicating that both TR-45 and TR-45.8 have agreed to support a joint discussion between TIA TR-45.8 LIG and ATIS WTSC LI to look at Femtocell LI concepts.

TR-45.8 reported that TIA TR-45.8 and ATIS WTSC G3GSN have agreed to initiate work on a new project for SMS to 9-1-1. The ATIS issue statement was provided in document .06b. It was noted that there is a new email distribution list for the joint SMS to 9-1-1 work (that includes the names on the JCMAS email list.) Members

interested in the joint SMS to 9-1-1 work were welcomed to join the new email list by contacting the TR-45.8 Chair.

Document .26 regarding TIA legal comments on TSB-1213/S.R0139-0 was provided for information to TR-45.

Action TR45-2012/05-02
Document .06b was remanded to the Subcommittees and Ad Hoc Groups for information.

Action TR45-2012/05-03
The Chair will forward the correspondence in document .11 to ATIS WTSC LI.

Action TR45-2012/05-04
Document .25 regarding notification of a 3GPP2 technical document was remanded to TR-45.8 to take action as appropriate.

Action TR45-2012/05-05
Relative to Action 45-2011/12-16 from the TR-45 meeting held 12-13 December 2011, TR-45.8 requested that any additional inputs regarding ITU-T SG-13 Recommendation Q.1742.10 be provided prior to its 21 June 2012 meeting.

8e. Ad Hoc on Authentication Group (AHAG)
There was no Authentication Group Ad Hoc (AHAG) report. However, it was noted that there will be an AHAG report into the September 2012 TR-45 meeting to indicate the need for the reaffirmation of TIA-1048-A in January 2013. An item will be included on the December 2012 TR-45 meeting agenda to vote on the reaffirmation.

8f. AHG on Electronic Media Documentation (AHEM)
There was no AHEM report.

8g. AHG on ESN/UIM/MEID (EUMAG)
Document .09 and its attachments were provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group (EUMAG) report to TR-45 for information. The EUMAG recommended that TR-45 endorse the posting of TIA version 8.0 of the TIA Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator) Assignment Guidelines and Procedures. There were no objections to TR-45 endorsing version 8.0 of TIA Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator) 26 Assignment Guidelines and Procedures as provided in document .09ar1. Document .09ar1 will be posted on the TIA website. Document .09b was presented regarding the TIA MEID database development that is in progress. It was reported that the targeted implementation of Phase I is late 3Q2012 (after robust testing complete.) TIA will work with the current report recipients to transition to the web-based system (pending any legal or access considerations.) Document .14 was provided for information.

Action TR45-2012/05-06
The EUMAG Chair agreed to provide the TIA version 8.0 of the Guidelines and Procedures in document .09ar1 to TIA to post on their website.

- **MEID Administrator's Report**
  J. Derr provided document .12 and attachments, MEID Administration Reports, for information.

- **UIM_ID Administrator's Report**
  J.Derr provided a brief verbal report. It was suggested that this agenda item be modified going forward to reflect both ESN and UIM ID Administration.

8h. J-STD-025 Series Report
Document .47r1, the J-STD-025 Series status table, was provided for information by G.Pellegrino.

- **Status of J-STD-025, J-STD-025-A**

  Once again, it was noted that TR-45 agreed to take no action on J-STD-025. It was noted that J-STD-025 remains available through HIS. Status of J-STD-025 will be removed from this TR-45 agenda item going forward.

  It was reported that TIA and ATIS coordinated the ANSI J-STD-025-A reaffirmation ballot close date of 14 May 2012. The ATIS ANSI ballot closed on 14 May 2012. The TIA ANSI ballot was extended to 28 May 2012. The TIA ANSI ballot to reaffirm J-STD-025-A closed on 28 May 2012 with a sufficient number of ballots returned to approve the reaffirmation. There were no ballot comments.

- **Vote to Approve for Publication of ANSI/J-STD-PN-025-A-RF1 (J-STD-025-A, "Lawfully Authorized Electronic Surveillance" - Reaffirmation)**

  A motion was made by G.Pelligrino and seconded by B.Covell to vote to approve ANSI publication of ANSI/J-STD-PN-025-A-RF1 (J-STD-025-A, "Lawfully Authorized Electronic Surveillance" – Reaffirmation) as provided in document TR45/12.03.07.49. The motion passed with no objections.

  Action TR45-2012/05-07
  The Chair agreed to submit the Authorization for Publcation Form for ANSI/J-STD-PN-025-A-RF1 (J-STD-025-A, "Lawfully Authorized Electronic Surveillance" – Reaffirmation.)

  Action TR45-2012/05–08
  TIA will coordinate with ATIS on the ANSI publication of J-STD-025-A, "Lawfully Authorized Electronic Surveillance" – Reaffirmation.

- **Status of J-STD-025-B AD-3**

  It was reported that TIA and ATIS coordinated the 45-day ANSI ballot close date of 6 July 2012 for Addendum 3 of J-STD-025-B. As indicated in document .31, the reaffirmation publication of J-STD-025-B, Addendum 1of J-STD-025-B, and Addendum 2 of J-STD-025-B was completed. Document .31 was provided for information.

8i. OID Administrators Report

There was nothing to report. It was noted that G.Pellegrino would bring S.Montgomery up to date on the OID Administration issues immediately following the meeting.

9. Old Business

9a. Joint CMAS Standards Development Status

There was no additional information to report beyond that which was provided in document .06, the TR-45.8 report to TR-45, covered during agenda item 8.d.

9b. Joint Co-Existence and Interference Standards Development Status

There was no additional information to report beyond that which was provided in document .05, the TR-45.5 report to TR-45, covered during agenda item 8.c.

9c. Joint TIA/ATIS Publications

Documents .15 and .50 were provided for information. TIA requested that TR-45 review and confirm that the joint standards listed in document .32a should be archived. Based on the meeting discussion and the existing status information provided in documents .15a and .15b, document .32ar1 was drafted to indicate which joint standards TR-45 believes should be archived.

Action TR45-2012/05-09
The Chair will forward document .32ar2 to TIA.

Action TR45-2012/05-10

Plans are to include on the September TR-45 meeting agenda an item to consider for withdrawal the joint standards listed in document .32ar2 that were developed under the purview of the former TR-46.

Action TR45-2012/05-11

Document .32ar2 was remanded to the Subcommittee and Ad Hoc Groups for information.

9d. NIST PAP2 re: SGIP Catalogue of Standards Status

Document .28 that contains email from TR-45.5 to the NIST SGIP PAP2 regarding the Wireless Capability Matrix for Guideline 2.0 was provided to TR-45 for information. As indicated in document .05, the TR-45.5 report to TR-45 covered during agenda item 8.c, TR-45.5 continues to work to have cdma2000 1x and HRPD "identified" in the SGIP Catalogue of Standards.

9e. TIA Document Numbering Scheme

Document .29 was provided for information. Document .38 contains revisions to the proposed Annex J of the TIA Engineering Manual regarding the TIA Numbering of Projects and Documents. The revision of Annex J was provided for review and comment in preparation of voting for approval at the next TIA Technical Committee meeting on 2 August 2012 at 2:00 PM ET. It was noted that TR-45 has the opportunity to provide additional comments on the revision of Annex J. TIA has scheduled a conference call on 26 June 2012 to discuss the revision of Annex J. It was also reported that TIA will continue to operate under the original Annex J.

Action TR45-2012/05-12

A small group (J.Brownley, B.Covell, O.Pearson, and K.Jang) volunteered to generated (via email) a marked version of the revised Annex J that incorporates the existing TR-45 comments and concerns prior to the 26 June 2012 TIA meeting. A copy of the marked version will be provided to TIA for consideration and emailed to TR-45 for information.

Action TR45-2012/05-13

Document .08 and it attachments were remanded to the Subcommittees and Ad Hoc Groups for information.

9f. TIA Republication Text

TIA provided status on their testing of a new process to allow the online Publication Authorization Form (PAF) to accept revised documents. It was noted that work continues on the new process. TR-45.5 and others were asked to continue to submit a second PAF with a note in the comment box regarding the reason for the re-submission.

9g. Distribution of Complimentary Copy of Standard to Ballot Voter

Document .19 contains email correspondence from TIA regarding the TIA decision to revert to the former process of sending complimentary copies of standards to ballot voters in unlocked pdf format, however, now with copyright disclaimers and other identifiable information as watermarks on the each page of the file. It was noted that document .19 previously was emailed to TR-45 members for information.

9h. ITU-R 5D Distribution List for External Organizations

Documents .16, .17, and .18 contain the series of emails from TR-45 to and from TIA to and from 5D regarding the updates provided from TR-45 to TIA on the 5D distribution list for external organizations. These documents were provided for information.

9i. Liaison from ITU-T SG11 Re: Feedback on Supplement 62 to ITU-T Q Series Recommendations

Document .27 contains TR-45.8 correspondence to ITU-T SG11 regarding a request for feedback on the draft revision of Supplement 62 to ITU-T Q series Recommendations. Document .27 was provided to TR-45 for information.

9j. ITU-R Recommendation M.1457-11 Updates

Document .30 contains TIA correspondence to ITU-R regarding TIA ITU M.1457-11 Letter of Conveyance. Document .30 was provided for information.

9k. OneM2M- M2M Global Initiative for M2M Standardization

Document .33 contains the TIA presentation on the new OneM2M – M2M Global Initiative for M2M standardization that was provided at the TIA TSSC and TC meetings in April 2012. Document .33 was provided to TR-45 for information. Attention was drawn to the launch schedule on slide 4. The first Steering Committee (SC) meeting will be in the U.S. 24-26 July. The second Technical Plenary (TP) meeting will be in China 10-16 December (which conflicts with the 3GPP2 TSG meeting dates.) Document .49 that contains the OneM2M meeting notice and invitation was provided for information.

Action TR45-2012/05-14
Documents .33 and .49 were remanded to Subcommittees and Ad Hoc Groups for information.

10. New Business

10a. TIA Information Alert 004

Document .20 contains the TIA Information Alert 004 on Public and Non-public Documents. Document .20 was previously forwarded to TR-45 members via email and a couple of concerns were raised. One concern was regarding encryption source code. The other concern was relative to posting TIA documents on the 3GPP2 meeting servers during co-located face-to-face meetings and subsequently uploading the documents to the 3GPP2 ftpsite. After some discussion and based on feedback from TIA, it was determined that there was no need to change the current TR-45 processes. The phrase "Unless otherwise decided by the Engineering Committee…" in Information Alert 004 allows for the TR-45 exceptions. Plus, it was agreed that TIA documents uploaded to the 3GPP2 ftpsite would also be uploaded to the TIA ftpsite.

10b. TIA 2012: Inside the Network

Documents .21 (regarding the program schedule for TIA 2012), .39 (regarding standards and engineering committee events), and .46 (regarding TIA member events) were provided for information relative to the "TIA 2012: Inside the Network" event in Dallas, TX 5-7 June 2012.

10c. Liaison Statement from ITU-T SG-2 Regarding Assignment of 3 Digit MNCs

Document .22 contains a Liaison Statement to 3GPP2 and others from ITU-T SG-2 regarding assignment of 3 digit MNCs_COM 2-LS129. It was noted that TR-45 responded to SG-2 on this same topic some years ago. TR-45.5 and TR-45.8 were encouraged to contact their TSG counter parts in 3GPP2 to encourage a similar and coordinated response to SG-2. In general, it was noted the Liaison Statements from SG-2 historically were directed to TIA for action and now are directed to 3GPP2 for action.

Action TR45-2012/05-15
Document .22 was remanded to TR-45.8 and TR-45.5 for action as appropriate. TR-45.5 and TR45-.8 agreed to coordinate their response to SG-2 with TR45.8 taking the lead.

Action TR45-2012/05-16
TR-45 will ask TIA to contact ITU-T SG-2, ITU-R WP5A, and ITU-R WP5D to request that Liaison Statements be directed to TIA. Thoughts are that the official responses to the Liaison Statements should come from the Standards Developing Organizations (SDOs) as opposed to the Partnership Projects. Historically, Liaison Statements were directed to TIA as opposed to 3GPP2 for action.

10d. Liaison Statement from ITU-T SG-2 Regarding Civic alerting function of 3GPP/3GPP2 terminal at roaming

Document .23 contains a Liaison Statement to 3GPP2 TSG-X and others from ITU-T SG-2 regarding the Civic Alerting Function_COM 2-LS134. Once again, it was noted that TR-45 responded to SG-2 on this same topic some years ago. TR-45.5 and TR-45.8 were encouraged to contact their TSG counter parts in 3GPP2 to encourage a similar and coordinated response to SG-2.

Action TR45-2012/05-17

Document .23 was remanded to TR-45.8 and TR-45.5 for action as appropriate. TR-45.5 and TR45-.8 agreed to coordinate their response to SG-2 with TR45.8 taking the lead.

10e. TIA Technology and Standards Engineering Committee Support Update

Document .24 contains email from TIA regarding TIA Technology and Standards Engineering Committee Support Updates. Noteworthy, George Ivanov has accepted a new position outside of TIA. Stephanie Montgomery will be the primary TR-45 contact with Germaine Palangdao as back-up. Teesha Jenkins will continue to support ballots and other TR-45 administrative items. Document .24 was provided for information.

10f. TIA New Initiatives

Document .34 contains a TIA TSSC contribution regarding select new TIA initiatives such as Cloud Computing, M2M, Smart Grid, and Sustainability. Document .34 was provided for information.

Action TR45-2012/05-18
Document .34 was remanded to the Subcommittees and Ad Hoc Groups for information.

10g. Style Guides

Document .35 contains two TIA TSSC contributions regarding style guides. Attention was drawn to the fact that the entire ANSI guide fits on two pages. Also noted was the "editor's guide" developed by TR-42. Document .35 was provided for information. It was reported at the TIA TSSC meeting that there is no timetable for updating the TIA Style Guide at this time.

Action TR45-2012/05-19
Documents .35 (but not document .35a) was remanded to the Subcommittees and Ad Hoc Groups for information.

10h. TR-45 Report to TIA TSSC

Document .36 that contains the TR-45 report to the TIA TSSC meeting was provided for information.

10i. TIA Standards Secretariat Report and Information

Document .37 with attachments contains several TIA standards secretariat documents from the April 2012 TIA TSSC meeting. Topics include views of the TIA website regarding the online calendar, committee member tools, and available training videos. Document .37 was provided for information. It was noted that the "TIA Staff Dashboard" information is available to TIA staff only. During the meeting document .37br1 was generated for Committee use.

Action TR45-2012/05-20
Document .37 with attachments (.37a and .37br1) was remanded to the Subcommittees and Ad Hoc Groups for information.

10j. New Joint Work on SMS-to-9-1-1

Document .40 contains email from TIA to ATIS regarding new joint work on SMS-to-9-1-1. It was noted previously during agenda item 8.d. that TIA TR-45.8 and ATIS WTSC G3GSN have agreed to initiate joint work on SMS to 9-1-1 with ATIS as the lead. The ATIS issue statement was provided in documents .06b. Document .40 was provided for information.

Action TR45-2012/05-21
Document .40 was remanded to TR-45.5 for information.

10k. Smart Grid Interoperability Panel Home to Grid WG

Document .41 contains email from TIA to the TSSC Engineering Committee Chairs regarding the new Smart Grid Interop Panel Home to Grid Working Group (WG.) TIA requested the Engineering Committees to identify any additional TIA standards related to this topic and to identifying anyone interested in representing TIA in this new WG.

Action TR45-2012/05-22

Document .41 was remanded to TR-45.5 and TR-45.8 for action as appropriate to identify any additional TIA standards related to this topic and to send email directly to TIA and copy-to the TR-45 Chair.

Action TR45-2012/05-23
Document .41 was remanded to the Subcommittees and Ad Hoc Groups to identify anyone interested in representing TIA on the new WG and to send email directly to TIA and copy-to the TR-45 Chair if there is a volunteer.

10l. TIA TSSC and TC Meeting Reports

Document .42 contains the 24 April 2012 TIA TSSC meeting report. Attention was drawn to Section 7.a relative to the revised TIA Document Numbering Scheme in Annex J. It was noted that TIA has scheduled a conference call on 26 June 2012 to discuss the revised Annex J. The conference call meeting notice was provided in document .08.

Document .43 contains the 26 April 2012 TIA Technical Committee (TC) meeting report. Attention was drawn to Section 7.c relative to the revised Annex J and Section 10.g relative to the TR-45 concerns regarding TIA Information Alerts 002 and 003. It was noted that TIA has scheduled a conference call on 20 June 2012 to discuss the TR-45 concerns regarding Information Alerts 002 and 003. The conference call meeting notice was provided in document .03.

Action TR45-2012/05-24
Document .03 and it attachments were remanded to the Subcommittees and AdHoc Groups for information

10m. 3GPP2 Workshop Invitation

Document .44 contains a copy of the 3GPP2 invitation and agenda to the "cdma2000 Technology Workshop" scheduled for Thursday 14 June 2012 in Guangzhou, China. Document .44 was provided for information.

10n. ITU-R WP 5A External Organization Contacts

Document .45 contains a Liaison Statement from ITU-R WP5A regarding external organization contacts on specific topics such as RLAN, BWA, ITS, QoS, CRS, and more. TR-45, TR-45.5, and TR-45.3 identified additional topics (i.e., WASN, QoS, and CRS) for contact as reflected in document .45ar1.

Action TR45-2012/05-25
The Chair will respond with document .45ar1 to ITU-R WP5A and copyto TIA, TR-45.3, and TR-45.5.

10o. TIA Technical Committee – Cloud Computing Subcommittee Report

Document .48 was presented by B.Covell regarding the TIA Technical Committee Cloud Computing Subcommittee activities. TR-45 was requested to review document .48a to consider how current standards will interoperate with cloud implementations. Comments were requested by 14 September 2012.

Action TR45-2012/05-26
Documents .48 and .48a were remanded to the Subcommittees and Ad Hoc Groups to review and provide comments into the next TR-45 meeting in September 2012.

11. Liaison Reports

11a. CTIA

There was no report.

11b. ITU-T

There was no report.

11c. ITU-R

There was no report. Nevertheless, TIA was reminded to send a reply liaison to ITU-R WP 5A to indicate that Project MESA is closed and that it is fine for 5A to remove text from Recommendation M.2014 relative to Project MESA.

11d. CITEL
There was no report.

11e. Wireless Communication Division (WCD)
There was no report.

11f. TIA
There was nothing additional to report.

11g. 3GPP2
There was no report.

11h. 3GPP
There was no report.

11i. ATIS
There was no report.

11j. IFAST
Document .10, the IFAST liaison report, was presented by G.Pellegrino on behalf of E.Hall. There were no comments or questions for clarification. Members were once again encouraged to join the IFAST session at TIA 2012 in Dallas in June next week. IFAST was made aware of the Liaison Statement from ITU-T SG-2 regarding assignment of 3 digit MNCs_COM 2-LS129.

12. Review Assignments
The assignments are provided and numbered as "Action TR45/2012-05-xx" throughout the meeting report.

13. Review Meeting Schedules

13a. TR-45 2012 Schedule
Document .07, the 2012 TR-45 meeting schedule, was provided for information.

13b. Subcommittee 2012 Schedules
It was noted that the Subcommittee 2012 schedules were provided in documents .04, .05, and .06.

13c. TR-45 2013 Schedule
Document .13, the 2013 TR-45 meeting dates, was provided for information. Considering that plans are to co-locate with the 3GPP2 TSGs "Super Meeting" in June 2013, three locations were suggested (i.e., San Diego, New Jersey, and Seattle) to share with the 3GPP2 meeting planner.

Action TR45-2012/05-27
The Chair will share the suggested June 2013 meeting locations with the 3GPP2 meeting planner (J.West.)

14. Open Discussion
There was no additional discussion.

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 11:30 AM local time 31 May 2012.

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Jane C. Brownley
Chair
Engineering Committee TR-45