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Approved by General Counsel

TR-45 Meeting Report

Date(s): 03/07/2012 - 03/08/2012

Location: Atlanta, GA

Approved: 06/20/2012

Telecommunication Industry Association (TIA)
TR-45 Committee
Mobile & Personal Communications Standards
Report of Meeting
7-8 March 2012
Embassy Suites Buckhead, Atlanta, GA

1. Call to Order & Opening Remarks

The TR-45 Committee was convened on 7 March 2012 at the Embassy Suites Buckhead in Atlanta, GA at 1:10 PM local time. J.Brownley/Chair called the meeting to order and welcomed the TR-45 membership to Atlanta.

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	D. Crowe (via GoToMeeting)	X	X
3. CommFlow Resources	G. Pellegrino	X	X
4. Ericsson	J. Ragsdale	X	X
5. Nokia Siemens Networks	S. Sayeedi	X	X
6. Qualcomm, Inc	F. Quick	X	X
7. Sigma Delta Communications	P. Nurse (via GoToMeeting)	X	
8. Verizon Wireless	G. Flynn		X

Quorum List – Members Absent			
Member	Representative	Attendance	
		Last	Prior
1. Huawei Technologies	Z. Li		

[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. CJ Barber Consulting Services (KDDI)	C. Barber
5. Ericsson	M. Bienn
6. Nokia Siemens Networks	D. Wu
7. Sprint Nextel	M. Lipford
8. TIA	C. Blum

Others Present	
Member	Representative
9. TIA	G. Ivanov
10. TIA	V. Mitchell (via GoToMeeting)
11. TIA	S. Montgomery (via GoToMeeting)
12. TIA	J. Derr (via GoToMeeting)
13. TIA	G. Palangdao (via GoToMeeting)
14. ZTE	L. Lu

4. Agenda Review & Approval

A motion was made by F.O'Brien and seconded by F.Quick to approve the meeting agenda provided in document .01r1. 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/2012mar

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
TR45/12.03.07.00r4	Submission & Contribution Assignment List	J.Brownley Chair	6
TR45/12.03.07.01r3	Meeting Agenda	J.Brownley Chair	4
TR45/12.03.07.02	TR-45 Meeting Report of December 12-13 2011	J.Brownley Chair	7
TR45/12.03.07.03	TR-45.3 Report	P. Musgrove Chair TR-45.3	8a 13b
TR45/12.03.07.04	TR-45.4 Report	D. Ott Chair TR-45.4	8b, 13b
TR45/12.03.07.05/a/br1	TR-45.5 Report	O. Pearson Chair TR-45.5	8c, 13b
TR45/12.03.07.06r1/a/b/c	TR-45.8 Report	B.Covell Chair TR-45.8	8d, 9a, 13b
TR45/12.03.07.07	TR-45 2012 Meeting Schedule	J.Brownley Chair	13a
TR45/12.03.07.08	AHEM Report	P. Nurse Chair AHEM	8f
TR45/12.03.07.09/ar3	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	8g
TR45/12.03.07.10	IFAST Liaison Report	E. Hall IFAST Liaison	11j
TR45/12.03.07.11	Correspondence to MTS India Re: Support of EIR and availability of handset identifier in the call flow	J.Brownley Chair	8g
TR45/12.03.07.12	MEID Administration Report	J. Derr TIA	8g

TR45/12.03.07.13/a	Correspondence to CDG dated 13 December 2011 Re: MEID Assignment Guidelines Changes	J.Brownley Chair	9e
TR45/12.03.07.14	Correspondence from TR-45.8 to TR45.5 dated 26 January 2012 Re: TR-45.8 input to response to ITU-T SG13 re Machine Oriented Communication	J. Brownley Chair	10a
TR45/12.03.07.15/a	Correspondence from ITU to TIA dated 22 December 2011 Re: MIC-ITU Symposium Disaster Communications	B. Sanou Director, ITU BR	10b
TR45/12.03.07.16/a	Correspondence from TIA Re: 2012 TIA Engineering Support Information	H. Congdon TIA	11f
TR45/12.03.07.17	Correspondence from TIA Re: TIA Website Redesign	S. Montgomery TIA	11f
TR45/12.03.07.18/a	Liaison from ITU-R WP5D dated 02 February 2012 Re: Distribution list for external organization official liaison communiqués	S. Blust Chair, 5D	10c
TR45/12.03.07.19/a/b	Liaison from ITU-R WP 5D dated 13 February 2012 Re: Schedule for updating Recommendation ITU-R M.2012 [IMT.RSPEC]	S. Buonomo Counsellor, SG5	10d
TR45/12.03.07.20/a/b/c	Correspondence from TR-45.5 to ITU-R WP 5D dated 13 February 2012 Re: Recommendation M.1457-11 Updates	O. Pearson Chair, TR-45.5	10e
TR45/12.03.07.21/a	Correspondence from TR-45.5 to TIA Re: Enhanced Documents Colors such TIA-856-B-1	O. Pearson Chair TR-45.5	8c
TR45/12.03.07.22	TIA Liaison Report	G. Palangdao TIA	11f
TR45/12.03.07.23	Liaison from 3GPP to ITU-T SG11 Re: Feedback on Supplement 62 to ITU-T Q Series Recommendations	A. Monrad 3GPP TSG SA	10f
TR45/12.03.07.24	TIA Announcement: New TIA Standards Project Tracker Tool for Committee Leadership	G. Ivanov TIA	10g
TR45/12.03.07.25/a/b	TIA Announcement: New Distribution Model for TIA Complimentary Copies	G. Ivanov TIA	9h
TR45/12.03.07.26	TIA Press Release on New Global Initiative for M2M Standardization	TIA	10h
TR45/12.03.07.27/a/b	Correspondence from TR-45.5 to ITU-R SG5 dated 14 February 2012 Re: Need for Confirmation Dates for M.1457-10 to Revision 11	O. Pearson Chair, TR-45.5	10e
TR45/12.03.07.28	Email Re: June 2012 TR-45 Meeting Date and Location	J. Brownley Chair	13a
TR45/12.03.07.29/a	Updated LS from ITU-R SG5 to EO dated 16 February 2012 Re: Schedule for Updating Recommendation ITU-R M.1457-10 to Revision 11	S. Buonomo Counsellor, SG5	10e
TR45/12.03.07.30/a/b/c	Correspondence from Rohde & Schwarz Inc Re: TIA Distribution of Complimentary Copies of Standards	C. Raj Khanna Rohde & Schwarz	9h
TR45/12.03.07.31	Correspondence from TR-45.8 to TR-45.EUMAG dated 20 February 2012 Re: Input re: Sistema Shyman (MTS India) Questions on MEID Standards	B. Covell Chair, TR-45.8	8g

TR45/12.03.07.32/a	Correspondence to-from TIA dated 20, 22 February 2012 Re: New TIA Distribution Model for Complimentary Copies	J.Brownley Chair	9h
TR45/12.03.07.33/a	TR-45 Meeting Report (Revised) of December 12-13 2011	J.Brownley Chair	7
TR45/12.03.07.34	JCOEXIST Meeting Report of 9-10 January 2012	A. Nowicki ATIS	9b
TR45/12.03.07.35/a/b	Correspondence to ALU, NSN, CommFlow dated 21 February 2012 Re: Ballot Comments Reply Letters for TIA-PN-4962 (3GPP2 M2M Numbering Recommendations)	J.Brownley Chair	9i
TR45/12.03.07.36	Correspondence from TIA dated 16 February 2012 Re: TIA-4962 Publication Request Approved	TIA	9i
TR45/12.03.07.37	Correspondence (via email) from, to MTS India Re: Support of EIR and availability of handset identifier in the call flow	J.Brownley Chair	8g
TR45/12.03.07.38	JCOEXIST Meeting Report of 21 February 2012	A. Nowicki ATIS	9b
TR45/12.03.07.39	Recommendation to Ballot PN-3-0335 (TIA-1155) S.S0093-0 v3.0, cdma2000 Network Performance Measurement Types	J.Brownley Chair	10i
TR45/12.03.07.40/a	S.S0093-0 v3.0, cdma2000 Network Performance Measurement Types (.doc and .pdf)	3GPP2 TSG-S	10i
TR45/12.03.07.41	Recommendation to Ballot PN-3-3610-RV2 (TSB-70-B) , FSK Air Interface Common Message Protocol Cross-Reference	J.Brownley Chair	10j
TR45/12.03.07.42	PN-3-3610-RV2a (TSB-70-B) , FSK Air Interface Common Message Protocol Cross-Reference	J.Brownley Chair	10j
TR45/12.03.07.43/a/b/c	TIA Information Alerts 001, 002, 003	TIA Secretariat	10k
TR45/12.03.07.44/a	Correspondence to TIA dated 13 December 2011 Re: Annex J and Proposed Advisory Note X on Document Numbering	J. Brownley Chair	9d
TR45/12.03.07.45	Correspondence from TIA dated 28 February 2012 Re: Annex J and Proposed Advisory Note X on Document Numbering	C. Blum TIA, VP Technology & Standards	9d
TR45/12.03.07.46	Experience with Complimentary Copies of Standards	P. Nurse Sigma Delta Communications, Inc.	9h
TR45/12.03.07.47r1	Proposed Working Party 5D Contact & Email Distribution List for External Organizations (with TIA Updates)	J. Brownley Chair	10c
TR45/12.03.07.48r1	Proposed correspondence to TIA Re: WP 5D External Organization Contacts and Email Distribution List	J. Brownley Chair	10c
TR45/12.03.07.49	J-STD-025-A	J. Brownley Chair	8h
TR45/12.03.07.50/a/b	Correspondence from ATIS to TIA dated 02 March 2012 Re: Active Joint TIA/ATIS Standards	S. Barclay ATIS	10l
TR45/12.03.07.51	TIA-1053 BCMCS Security Framework	F. Quick Chair, AHAG	8e
TR45/12.03.07.52	TIA-1085 IP-Based LCS Security Framework	F. Quick Chair, AHAG	8e

TR45/12.03.07.53	Missing TR-45.AHIMT files from TIA ftp site	P. Nurse Chair, TR-50-AHIMT	10n
TR45/12.03.07.54r1	J-STD 025 Series - TR-45 Activity Update	G. Pellegrino Chair AHG on ESN/UIM/MEID	8h
TR45/12.03.07.55	Email from TIA dated 7 March 2012 Re: TIA-4962 Publication Announcement	TIA	9i
TR45/12.03.07.56ar1/br1	Status of Active Joint TIA-ATIS Projects and Standards 030212 – TR-45 Comments	G. Pellegrino Chair AHG on ESN/UIM/MEID	10l
TR45/11.12.12.28/a	TIA-EIA-TSB-121	J. Brownley Chair	9f
TR45/11.12.12.28ar1	TSB-121 and TSB-121-A	J. Brownley Chair	10m
TR45/08.08.01.02/a	TSG-S Correspondence re: Initiation of TIA Ballot for S.P0093-0 v2.4 (cdma2000 Network Performance Measurement Types)	N. Yamasaki Chair 3GPP2 TSG-S	10i
TR45/08.12.08.26	Correspondence from 3GPP2 TSG-S Re: cdma2000 Network Performance Measurements Types (S.S0093-0 v3.0)	N. Yamasaki Chair 3GPP2 TSG-S	10i
TR45/11.06.01.22ar1	Approved Ballot Ready Text for J-STD-025-B-3	J. Brownley Chair	8h

7. Review of Meeting Report from Previous Meetings

The TR-45 Committee meeting report of 12-13 December 2011 numbered TR45/12.03.07.02 was reviewed. An error in the meeting report on page 5 of 11 under agenda item 9.h sub-bullet 2 was noted. The meeting report was amended to correct the description from “It was noted that the J-STD-025-B AD-3 ...” to “It was noted that the J-STD-025-B (including AD1 & AD2) ...” A motion was made by G. Pellegrino and seconded by C.Barber to approve the revised (R1) meeting report provided in document .33a. The motion passed with no objections. The Chair will provide document .33a to TIA for legal re-review prior to distribution of the revised report of the TR-45 meeting held 12-13 December 2011.

Action TR45-2012/03-01

The Chair will provide document .33a, the revised 12-13 December 2011 TR-45 meeting report, to TIA for legal re-review prior to distribution and posting on the TIA website.

8. Reports

8a. TR-45.3 Subcommittee

On behalf of P.Musgrove, J.Ragsdale, TR-45.3 Vice-Chair, provided document .03 as the TR-45.3 report to TR-45 for information. It was reported that Peter Musgrove of AT&T was reelected Chair and Jim Ragsdale of Ericsson was reelected Vice-Chair of TR-45.3 by acclamation during the TR-45.3 meeting held on 19 December 2011. TR-45 confirmed the TR-45.3 Chair and Vice-Chair elections of P.Musgrove and J.Ragsdale, respectively.

8b. TR-45.4 Subcommittee

On behalf of D.Ott, S. Sayeedi, TR-45.4 Vice-Chair, presented document .04 as the TR-45.4 report to TR-45 for information. It was reported that five TR-45.4 standards were approved by TR-45.4 for reaffirmation and one for withdrawal and TR-45.4 plans to take the necessary steps to inform TIA.

8c. TR-45.5 Subcommittee

O. Pearson presented document .05 as the written TR-45.5 report to TR-45 for information. TR-45.5 reported that there is the need to ensure that TR-45.5 is on the contact list for ITU-R WP5D Liaisons Statements (LS) to External Organizations (EO). The TR-45.5 Chair requested an update from TIA on project requests for existing projects and changing numbers “midstream.” Both of these TR-45.5 concerns were addressed during

subsequent agenda items, 10.c and 9.d, respectively. Document .21 regarding a liaison from TR-45.5 to TIA on “multiple colors codes” in standards such as TIA-856-B-1 was provided for information.

8d. TR-45.8 Subcommittee

B. Covell provided document .06r1 and its attachments as the TR-45.8 report to TR-45 for information.

8e. Ad Hoc on Authentication Group (AHAG)

There was no written Authentication Group Ad Hoc (AHAG) report.

- **Recommendation to Vote for Publication of TIA-PN-1053-RF1 (as TIA-1053, Broadcast/Multicast Security Framework - Reaffirmation)**

It was noted that the reaffirmation ballot of TIA-PN-1053-RF1 closed and passed on 09 February 2012 with no comments. A motion was made by F.Quick and seconded by G.Flynn to approve for publication the reaffirmation of TIA-PN-1053-RF1 as TIA-1053 “*Broadcast/Multicast Security Framework*”, as provided in document .51. The motion passed with no objections.

Action TR45-2012/03-02

The AHAG Chair will submit to TIA the Authorization for Publication Form for TIA-PN-1053-RF1 as TIA-1053 “*Broadcast/Multicast Security Framework*” - Reaffirmation.

- **Recommendation to Vote for Publication of TIA-PN-1085-RF1 (as TIA-1085, IP-Based LCS Security Framework - Reaffirmation)**

It was noted that the reaffirmation ballot of TIA-PN-1085-RF1 closed and passed on 09 February 2012 with no comments. A motion was made by F.Quick and seconded by C.Barber to approve for publication the reaffirmation of TIA-PN-1085-RF1 as TIA-1085 “*IP-Based LCS Security Framework*”, as provided in document .52. The motion passed with no objections.

Action TR45-2012/03-03

The AHAG Chair will submit to TIA the Authorization for Publication Form for TIA-PN-1085-RF1 as TIA-1085 “*IP-Based LCS Security Framework*” - Reaffirmation.

8f. AHG on Electronic Media Documentation (AHEM)

P. Nurse provided document .08 as the AHEM report to TR-45. The AHEM recommended that

- i. TR-45 oppose TIA Standards Information Alert #003, “Use of Links in Standards.”
- ii. TR-45 community provide feedback on a webdav enable site to replace ftp access
- iii. TR-45 reflect the contents and discussion arising from document .08 in the TR-45 report to the next TIA TSSC and Technical Committee meetings in April 2011.

The AHEM recommendations were addressed as follows:

- i. The recommendation was amended as follows:

TR-45 recommends that TIA rescind for further study and refinement the TIA Standards Information Alert #003, “Use of Links in Standards.” There were no objections to approve this recommendation as amended.

- ii. TR-45 community provide feedback on a webdav enable site to replace ftp access

It was noted that switching to webdav does not fix the problem. This recommendation was rendered moot and withdrawn.

- iii. TR-45 reflect the contents and discussion arising from document .08 in the TR-45 report to the next TIA TSSC and Technical Committee meetings in April 2011.

TR-45 adopted this recommendation with no objections.

Action TR45-2012/03-04

The Chair supported by the AHEM Chair will draft text that reflects the contents and discussion arising from document .08 for inclusion in the TR-45 report to the next TIA TC and TSSC meetings in April 2012 for TR-45 review.

1 Action TR45-2012/03-05

2 TIA will setup a dialogue between TR-45 AHEM and the TIA IT Department to discuss website security.

3
4 **8g. AHG on ESN/UIM/MEID (EUMAG)**

5 Document .09 and its attachments were provided by G.Pellegrino as the TR-45 ESN/UIM/MEID Ad Hoc Group
6 (EUMAG) report to TR-45 for information. Documents .11, .31, and .37 regarding MTS India questions on
7 MEID standards were provided for information. The proposed outgoing TR-45 correspondence provided in
8 document .09aR2 to MTS India regarding support of EIR and availability of handset identifier in the call flow
9 was approved with no objections.
10

11 Action TR45-2012/03-06

12 The Chair will send the TR-45 correspondence in document .09aR2 to MTS India regarding support of EIR and
13 availability of handset identifier in the call flow.
14

15 • **MEID Administrator's Report**

16 J. Derr provided document .12, the MEID Administration Report, for information. Regarding ESN
17 assignments, it was noted that nothing had changed since the last TR-45 meeting held 12-13 December 2011.
18

19 • **UIM_ID Administrator's Report**

20 J.Derr provided a brief verbal report.
21

22 **8h. J-STD-025 Series Report**

23 Document .54r1, the J-STD-025 Series status table, was provided for information by G.Pellegrino. Per Action
24 TR45-2011/12-09, TIA confirmed that at the end of 10 years, ANSI administratively withdraws a document, if it
25 has not been reaffirmed or withdrawn. However, ANSI does not always do so in all cases.
26

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

28 Once again, TR-45 agreed to take no action on J-STD-025.
29

30 Action TR45-2012/03-07

31 TIA will ask ANSI what is the status of J-STD-025-A.
32

33 ○ **Recommendation to Vote to Ballot ANSI/J-STD-PN-025-A-RF1 (J-STD-025-A, "Lawfully
34 Authorized Electronic Surveillance" - Reaffirmation)**

35 A motion was made by G.Pellegrino and seconded by B.Covell to approve a 45-day ANSI reaffirmation
36 ballot of ANSI/J-STD-PN-025-A-RF1 "Lawfully Authorized Electronic Surveillance" (to be published
37 as the reaffirmation of J-STD-025-A) as provided in document .49. The motion passed with no
38 objections.
39

40 Action TR45-2012/03-08

41 The Chair will submit to TIA the Ballot Authorization form for the reaffirmation of ANSI/J-STD-PN-
42 025-A-RF1, as J-STD-025-A, "*Lawfully Authorized Electronic Surveillance*" – Reaffirmation.
43

44 It was re-iterated that TIA agreed to contact ATIS to coordinate the reaffirmation ballots of this joint
45 TIA/ATIS standard. In addition, it was re-iterated that ATIS previously agreed (see TR45/11.09.07.17)
46 to the reaffirmation of J-STD-025-A.
47

48 • **Status of J-STD-025B AD-3**

49 Even though the text for Addendum 3 to J-STD-025-B was approved by TR-45 for ballot on 07 June 2011
50 and the Ballot Authorization form was submitted as SP-3-4465-RV2-AD3 on 09 September 2011, it was
51 reported that a new TIA and ANSI project has to be initiated for Addendum 3 to ANSI/J-STD-025-B. It was
52 reported that the ANSI PINS process will take between 30-57 days before the new project number is
53 available. TR-45 can take action at that time to initiate the ballot of Addendum 3 to ANSI/J-STD-025-B. It
54 was noted that the TR-45 approved ballot ready text for Addendum 3 to ANSI/J-STD-025-B (Lawfully

Approved by TIA General Counsel 6/20/12

Authorized Electronic Surveillance (LAES) Addendum 3 - Addition of BSID or Subnet) was available in TR45/11.06.01.22ar1.

- **Recommendation to Vote to Initiate ANSI Project for ANSI/J-STD-PN-025-B-3 (Addendum 3 of J-STD-025-B, "Lawfully Authorized Electronic Surveillance – Addition of BSID or Subnet")**
A motion was made by G.Pellegrino and seconded by O.Pearson to initiate an ANSI project for Addendum 3 of J-STD-025-B, "Lawfully Authorized Electronic Surveillance – Addition of BSID or Subnet." The motion passed with no objections.
- **Recommendation to Vote to Ballot ANSI/J-STD-PN-025-B-3 (Addendum 3 of J-STD-025-B, "Lawfully Authorized Electronic Surveillance – Addition of BSID or Subnet")**
A motion was made by B.Covell and seconded by M.Beinn to approve a 45- day ANSI ballot of Addendum 3 of J-STD-025-B, "Lawfully Authorized Electronic Surveillance – Addition of BSID or Subnet" with three caveats:
 - that the ballot close date be coordinated between TIA and ATIS
 - pending the ANSI project initiation of J-STD-025-B AD3
 - pending the reaffirmation publication of J-STD-025-B including AD1 and AD2
 The motion passed with no objections.

Action TR45-2012/03-30

TIA will initiate the ANSI project for Addendum 3 of J-STD-025-B.

Action TR45-2012/03-09

The Chair will submit the Ballot Authorization form for Addendum 3 of J-STD-025-B as provided in document TR45/11.06.01.22ar1 once the ANSI project has been initiated and the reaffirmation publication of J-STD-025-B including Addendum 1 and Addendum 2 are completed.

Action TR45-2012/03-10

TIA will coordinate with ATIS on the close date of the ballot of Addendum 3 to J-STD-025-B.

It was noted that the J-STD-025-B reaffirmation is ready for ANSI publication. However, the Addendum 1 and Addendum 2 of J-STD-025-B reaffirmations were still pending ANSI publication. Nevertheless, there were no objections to concurring with S. Barclay of ATIS to request that ANSI move forward with the reaffirmation publication of J-STD-025-B with the understanding that the ANSI reaffirmation publication of Addendum 1 and Addendum 2 of J-STD-025-B will follow shortly.

8i. OID Administrators Report

There was nothing to report. It was noted that S.Montgomery will replace V.Mitchell as the TIA contact point for OID Administration. The agenda will be updated to reflect the TIA contact change.

Action TR45-2012/03-11

TIA plans to setup a call with G.Pellegrino to bring S.Montgomery up to date on the OID Administration issues.

9. Old Business

9a. Joint CMAS Standards Development Status

There was no additional information to report beyond that which was provided in document .06r1, the TR-45.8 report to TR-45. The Spanish language work is moving forward in ATIS WTSC only. There are no plans to do the Spanish language work in the JCMAS group. Plans are in place to develop addenda to the published JCMAS standards to address needed editorial and bug fixes. Overall work is winding down in JCMAS.

9b. Joint Co-Existence and Interference Standards Development

J. Ragsdale provided a brief verbal report on the status of the joint co-existence and interference standards development work. Plans are to baseline Phase I in 2Q2012. The next two meetings of JCOEXIST are scheduled

for 24 April (conference call) and 26 June (conference call). A July 2012 face-to-face meeting co-located with ATIS WTSC is being considered. Documents .34 and .38, recent JCOEXIST meeting reports, were provided for information.

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2
3
4
5 **9c. NIST PAP2 re: SGIP Catalogue of Standards Status**

6 O.Pearson, the TR-45.5 Chair, provided a brief verbal report. It was noted that TR-45.5 (working with TSG-C
7 WG-3) is preparing the update for the Wireless Capability Matrix for submission to NIST. Furthermore, NIST
8 agreed to extend the due date to 24 April 2012 to allow TR-45.5 time to review and approve the update of the
9 matrix during their April 2012 meeting.
10

11 **9d. TIA Document Numbering Scheme**

12 Document .44, TR-45 correspondence to TIA regarding the new TIA document numbering scheme, was
13 provided for information. Document .45, TIA response to TR-45 regarding the new TIA document numbering
14 scheme, was reviewed. After lengthy discussion of document .45 it was noted that not all of the concerns raised
15 by TR-45 were not addressed in the TIA reply. The Chair agreed to draft email to TIA to express TR-45's
16 appreciation of the TIA reply and to summarize the TR-45 discussion arising from the review of document .45.
17

18 Action TR45-2012/03-12

19 The Chair will draft email to TIA based on the discussion of document .45 regarding the TIA document
20 numbering scheme.
21

22 **9e. MEID Assignment Guidelines Changes**

23 Document .13 and attachment .13a were provided for information.
24

25 **9f. Recommendation to Vote to Withdraw TSB-121, "Cellular Subscriber Unit Interface for TDD"**

26 Documents TR45/11.12.12.28 and .28a were contributions carried forward from the last TR-45 meeting for
27 reference regarding the recommendation to withdraw TSB-121. A motion was made by J.Ragsdale and
28 seconded by F.Quick to withdraw TSB-121, "Cellular Subscriber Unit Interface for TDD". The motion passed
29 with no objections.
30

31 Action TR45-2012/03-13

32 The Chair will submit to TIA the Status Change Request form to withdraw TSB-121, "Cellular Subscriber
33 Unit Interface for TDD".
34

35 **9g. TIA Republication Text**

36 TIA status was requested relative an action item from the last TR-45 meeting 12-13 December 2011 regarding a
37 mechanism and repository to replace documents re-submitted for publication following revisions based on TIA
38 legal comments. It was reported that TIA is currently testing a new process to allow the Publication Authorizatin
39 form to accept the revised document.
40

41 Action TR45-2012/03-14

42 TIA agreed to provide a status update at the next TR-45 meeting in May 2012 regarding the new process to
43 replace publication text as the result of TIA legal comments via the Publication Authorizatio form. Plus, TIA
44 agreed to provide an automatic email confirmation that the revised document submitted will be the published
45 document.
46

47 **9h. Distribution of Complimentary Copy of Standard to Ballot Voter**

48 The TIA announcement regarding the new distribution model for TIA complimentary copies of standards was
49 provided in documents .25 with its attachments. Correspondence to and from TIA regarding the new distribution
50 model for TIA complimentary copies of standards in documents .32 and its attachment were provided for
51 information for consideration. Several TR-45 members expressed their displeasure with this new model. It was
52 suggested that TIA member companies should not be penalized for the "rampant piracy" of published standards.
53 Once again it was re-iterated that some member companies will not allow the downloading of the plug-in

software. G.Ivanov provided a few comments noting that the model went “live” on 15 February 2012. Plus it was noted that a “no plug-in model” will be available in 4Q2012.

Action TR45-2012/03-15

Document .25 and its attachments were remanded to the Subcommittees and Ad Hoc Groups for information and action as appropriate regarding the distribution of complimentary copies of TIA standards.

Action TR45-2012/03-16

Document .32 and its attachments were remanded to the Subcommittees and Ad Hoc groups for information and action as needed.

Correspondence from Rohde & Schwarz Inc between TR-45 and TIA regarding the TIA distribution of complimentary copies of standards in document .30 and its attachments were provided for information.

Document .46 was provided by P.Nurse regarding experience with complimentary copies of standards. It was noted that TIA has forwarded document .46 to their IHS retail contact for information for consideration.

Action TR45-2012/03-17

Document .46 was remanded to the Subcommittees and Ad Hoc Groups for information.

Action TR45-2012/03-18

The Chair agreed to draft correspondence to TIA (C.Blum with copy-to G.Seiffert) that reflects the discussion arising from this agenda item regarding the new distribution model for TIA complimentary copies of standards for review.

Action TR45-2012/03-19

The Chair agreed to include in the TR-45 report to the next TIA TC and TSSC meetings in April 2012 the points arising from the discussion of this agenda item regarding the new distribution model for TIA complimentary copies of standards.

It was stated that TIA would provide a copy of the standard needed for a reaffirmation ballot to the Engineering Committee. Also, it was suggested that TIA automatically supply the required copy of the standard for a reaffirmation ballot online via the Ballot Authorization form.

9i. Publication of TIA-4962/3GPP2 SC.R4005-0 v1.0 (cdma2000 M2M Numbering Recommendations SRD)

The TR-45 ballot comment reply letters relative to TIA-PN-4962 (3GPP2 M2M Numbering Recommendation) in documents .35 (to ALU), .35a (to CommFlow), and .35b (to NSN) were provided for information. TIA correspondence regarding that the TIA-4962 publication request approval and the TIA-4962 publication announcement were provided in documents .36 and .55, respectively, for information.

10. New Business

10a. Liaison from ITU-T SG13 Re: Machine Oriented Communications

Document .14, correspondence from TR-45.8 to TR-45.5 regarding Machine Oriented Communications (MOC), was provided for information.

10b. MIC-ITU Symposium on Disaster Communications

Document .15, correspondence from ITU to TIA regarding the Ministry of Internal Affairs and Communications (MIC) Japan and ITU jointly organized Symposium on Disaster Communications on 16 March 2012 in Japan, was provided for information. It was noted that this information was previously forwarded on 10 January 2012 to the TR-45 Subcommittee and Ad Hoc Group Chairs for information for consideration.

Action TR45-2012/03-20

Document .15 and its attachment regarding the MIC- ITU jointly organized Symposium on Disaster Communications were remanded to the Subcommittees and AdHoc Groups for information.

10c. Liaison from ITU-R WP5D Re: Distribution list for external organization official liaison communiqués

Document .18 regarding the ITU-R WP5D request for external organizations to identify their principal contact(s) was reviewed. It was noted that TIA had already responded to Stephen Blust, Chairman ITU-R WP 5D. Considering that TR-45 and its Subcommittees and Ad Hoc Groups continue to liaise directly with 5D regarding recommendations related to IMT-2000 such as M.1457, M.1580, M.1581, etc. TR-45 would like to see the TR-45 Chair, TR-45.5 Chair, and TR-45.3 Vice-Chair included on the list of principal contacts to 5D. Document .47r1, proposed principal TIA contacts for 5D liaisons to external organizations, was provided for review for adoption. Document .48r1, proposed TR-45 correspondence to TIA to request that TIA forward document .47r1 to S.Blust, Chairman ITU-R WP 5D regarding principal TIA contacts for 5D liaisons to external organizations, was provided for review for adoption. There were no objections to the request to approve documents .47r1 and .48r1 to go forward to TIA.

Action TR45-2012/03-21

The Chair will forward document .48r1 with document .47r1 attached to TIA regarding the ITU-R WP5D request for external organizations to identify their principal contact(s.)

10d. Liaison from ITU-R WP5D Re: Schedule for Updating Recommendation ITU-R M.2012 [IMT.Advanced]

Document .19, regarding the ITU-R WP5D schedule for updating recommendation ITU-R M.2012 [IMT-Advanced] was provided for information.

Action TR45-2012/03-22

Document .19 regarding the ITU-R WP5D schedule for updating recommendation ITU-R M.2012 [IMT-Advanced] was remanded to Subcommittee TR-45.5 for information.

10e. Liaison to and from ITU-R Re: Recommendation M.1457-11 Updates

Documents .20, .27, and .29 regarding ITU-R Recommendation M.1457-11 updates were provided for information. Attention was draw to the revised schedule for M.1457-11 updates provided in document .29. It was noted that while the update package deadline moved out, the transposition deadline remains the same.

Action TR45-2012/03-23

Document .29 was remanded to TR-45.3 and TR-45.5 for information and for action as appropriate.

10f. Liaison from 3GPP to ITU-T SG11 Re: Feedback on Supplement 62 to ITU-T Q Series Recommendations

Document .23 from 3GPP to ITU-T SG11 regarding feedback on supplement 62 for ITU-T Q series recommendations was provided for information. It was noted that TR-45.8 is awaiting input from TR-45.5 to consolidate a response to ITU-T SG11 regarding the Supplement 62 related Liaison Statement previously provided in document TR45/11.12.12.17.

10g. New TIA Standards Project Tracker Tool for Committee Leadership

Document .24 regarding the new TIA standards project tracker tool for committee leadership was provided for information. It was noted that document .24 was previously forwarded on 14 February 2012 to the TR-45 Subcommittee and Ad Hoc Group Chairs for information and use as appropriate.

10h. New Global Initiative for M2M Standardization

Document .26 the TIA Press Release regarding the new global initiative for M2M standardization was provided for information. It was noted that the entire Press Release is available on the TIA website at www.tiaonline.org. C.Blum noted that the structure of the new initiative is being considered. The date for the first technical plenary is targeted for 3Q2012.

1 **10i. Recommendation to Vote to Ballot PN-3-0335 (TIA-1155) (cdma2000 Network Performance**
 2 **Measurement Types)**

3 The information in document .39 regarding the recommendation to initiate a rebalot of PN-3-0335 was
 4 discussed. Documents TR45/08.08.01.02a and TR45/08.12.08.26 were provided for information as references.
 5 A motion was made by M.Lipford and seconded by B.Covell to initiate a 30-day rebalot of PN-3-0335,
 6 “*cdma2000 Network Performance Measurement Types*” as provided in document .40. The motion passed with
 7 no objections.

8
 9 Action TR45-2012/03-24

10 The Chair will submit the Ballot Authorization form to TIA for the rebalot of PN-3-0335, “*cdma2000*
 11 *Network Performance Measurement Types*”
 12

13 **10j. Recommendation to Vote to Ballot PN-3-3610-RV2 (TSB-70-B) (FSK Air Interface Common Message**
 14 **Protocol Cross-Reference)**

15 The information in document .41 regarding the recommendation to initiate a rebalot of PN-3-3610-RV2 (TSB-
 16 70-B) “*FSK Air Interface Common Message Protocol Cross-Reference*” was discussed. Document .42 a copy
 17 of PN-3-3610-RV2a, was provided for reference. After discussion and consideration a motion was made by
 18 F.Quick and seconded by M.Lipford to withdraw PN-3-3610-RV2 (TSB-70-B) “*FSK Air Interface Common*
 19 *Message Protocol Cross-Reference.*” The motion passed with no objections.
 20

21 Action TR45-2012/03-25

22 The Chair will submit the Status Change Request form to TIA to withdraw PN-3-3610-RV2 (TSB-70-B.)
 23

24 **10k. TIA Information Alerts**

25 Document .43, TIA Information Alerts, was provided for information and action as appropriate. These TIA
 26 Information Alerts were as follows:

27 001: Documentation of Actions in Agenda and Reports

28 002: Changes to Online Document Forms and Process

29 003: Use of Links in Standards

30 There was lengthy discussion of Information Alerts 002 and 003. Information Alerts 001 was discussed
 31 previously during agenda item 8.f. It was stressed that Engineering Committees should have the opportunity
 32 to review and weigh-in on the TIA Information Alerts that change and negatively impact the work of the
 33 Engineering Committee before the changes are implemented. TR-45 recommends that TIA rescind for further
 34 study and refinement the TIA Standards Information Alert #002, “Changes to Online Document Forms and
 35 Process.”
 36

37 Action TR45-2012/03-26

38 Document .43 and its attachments regarding the TIA Information Alerts were remanded to the Subcommittees
 39 and Ad Hoc Groups for information and action as appropriate.
 40

41 **10l. Active Joint TIA/ATIS Standards**
 42
 43

44 Document .50 and its attachments were provided for information for consideration. Documents .56a and .56b
 45 were reviewed. It was agreed to forward documents .56aR1 and .56bR1 as amended to TIA (C.Blum, S.
 46 Montgomery, and G. Palangdao) and copy-to D.Crowe (to provide any comments related J-STD-036 directly
 47 to TIA).
 48

49 Action TR45-2012/03-27

50 The Chair will forward documents .56aR1 and .56bR1 to TIA (C.Blum, S. Montgomery, and G. Palangdao)
 51 and copy-to to D.Crowe (to provide any comments related J-STD-036 directly to TIA.)
 52

53 **10m. Recommendation to Vote to Withdraw TSB-121-A, “2.5mm Audio Interface for Mobile Stations – TTY”**

Document TR45/11.12.12.28ar1 was provided for information for reference. A motion was made by F.Quick and seconded by J.Ragsdale to withdraw PN-3-4558-RV1 (TSB-121-A), "2.5mm Audio Interface for Mobile Stations – TTY." The motion passed with no objections.

Action TR45-2012/03-28

The Chair will submit the Status Change Request form to TIA to withdraw PN-3-4558-RV1 (TSB-121-A) "2.5mm Audio Interface for Mobile Stations – TTY."

10n. Missing TR-45.AHIMT files from TIA ftp site

The content of document .53 was discussed earlier during agenda item 8.f. So document .53 was provided for information to TR-45. TIA noted that they plan to restore the links, webpage, and information, as requested. The restoration timeframe was not known to date.

11. Liaison Reports

11a. CTIA

There was no report.

11b. ITU-T

There was no report.

11c. ITU-R

There was no report.

11d. CITEL

There was no report.

11e. Wireless Communication Division (WCD)

There was no report.

11f. TIA

Document .16 regarding TIA engineering support for 2012 and document .17 regarding TIA website redesign were provided for information. Document .22, the TIA Liaison Report, was provided by G. Palangdao for information for consideration.

Action TR45/2012-03-29

Documents .16 and .17 were remanded to the leadership of the Subcommittee and Ad Hoc Groups for information to share within their subgroups as deemed appropriate.

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 D.Crowe on behalf of E.Hall. There were no comments or questions for clarification. Members were encouraged to join the IFAST session at TIA2012 in Dallas in June.

12. Review Assignments

1 The assignments are provided and numbered as “Action TR45/2012-03-xx” throughout the meeting report.

2
3 **13. Review Meeting Schedules**

4
5 **13a. TR-45 2012 Schedule**

6 Document .28, the 2012 TR-45 meeting schedule, was provided for information. Document .07 was provided for
7 information.

8
9 **13b. Subcommittee 2012 Schedules**

10 It was noted that the Subcommittee 2012 schedules were provided in documents .03, .04, .05, and .06.

11
12 **14. Open Discussion**

13 There was no additional open discussion.

14
15 **15. Adjournment**

16 Having concluded the meeting’s deliberations, a motion was made to adjourn the meeting. The meeting was
17 conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at
18 approximately 12:50 PM local time 8 March 2012.

19
20
21
22 Jane C. Brownley
23 Chair
24 Engineering Committee TR-45
25