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Approved by General Counsel

TR-45 Meeting Report

Date: 12/13-14/10

Location: Honolulu, HI

Approved: 02/10/11

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Telecommunication Industry Association

TR-45 Committee

Mobile & Personal Communications Standards (TR-45)

Report of Meeting

13-14 December 2010 - Honolulu, HI

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1. Call to Order & Opening Remarks

The meeting was called to order on 13 December 2010 by the Chair, J. Brownley at 1:04 PM local time.

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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.

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3. Attendance Registration & Roll Call

Meeting attendees signed-in electronically at <u>tr45.tiaonline.org</u> and attendance was recorded as indicated by the quorum information provided below. Quorum was established.

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Quorum Members Present	Quorum Members Absent	Others Present
Alcatel-Lucent		Sprint Nextel
AT&T		
CDMA Development Group		
CommFlow Resources		
Ericsson		
National Communications System		
Qualcomm		
Sigma Delta Communications		
Telcordia Technologies		
Verizon Wireless		

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4. Agenda Review & Approval

The meeting agenda, presented in 10.12.13-01r3, was reviewed and approved.

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Secretary's Note: During the meeting 10.12.13-01r4 was created and posted to the ftp site.

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5. Early Disclosure Policy

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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.

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6. Introduction of Submissions and Contributions and Numbering

The following documents were numbered and assigned accordingly.

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31	

TR45/10.12.13-	Document Title	Source	Agenda Item
00r3	Submission & Contribution	J.Brownley	6

Page 2 of 13

TR45/10.12.13-	Document Title	Source	Agenda Item
11(15) 10:12:15	Assignment List	Chair	71genda nem
01r3	Meeting Agenda	J.Brownley	4
0113	Wiceting Agenda	Chair	7
02	TR-45 Meeting Report of 25-26 August	J.Brownley	7
02	2010	Chair	/
021			0-
03r1	TR-45.3 Report	P. Musgrove	9a
0.4	TD 45 4 D	Chair TR-45.3	01 10
04	TR-45.4 Report	D. Ott	9b, 10c
0= 4	TD 45 5 D	Chair TR-45.4	0 10 10
05r1	TR-45.5 Report	O. Pearson	9c, 10c, 10g
		Chair TR-45.5	
06r1	TR-45.8 Report	B.Covell	9d
		Chair TR-45.8	
07	< document number not used >		
08	AHEM Report	P. Nurse	9f
	1	Chair AHEM	
09, 09a, 09b	AHG on ESN/UIM/MEID Report	G. Pellegrino	9g
0), 0) 4, 0) 2	Three on Estry Shirty METS Report	Chair AHG on	76
		ESN/UIM/MEID	
10	IFAST Report to TR-45	E. Hall	12j
10	IFAST Report to TR-45	IFAST Liaison	12)
11 11 11	MEID A durinistrator's Donout		0~
11, 11a, 11b	MEID Administrator's Report	J. Derr	9g
10 10 101	IID (ID A 1 · · · · / D	MEID Administrator	0
12, 12a, 12b	UIM_ID Administrator's Report	J. Derr	9g
	T07.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	UIM_ID Administrator	
13	ESN Administrator's Report	J. Derr	9g
		ESN Administrator	
14, 14a, 14b,	Numbering JEM 05	G. Pellegrino	11b
14c		Chair EUMAG	
15, 15a	TDMA-SC for M.1457-10	J. Ragsdale	11c
		Chair TR-45.3	
16, 16a, 16b	Suggested Modifications to TSB-16-A	O. Pearson	10c
		Chair TR-45.5	
17, 17a	Approved New Document Numbering	V. Mitchell	10d
	Scheme	TIA	
18, 18a	Correspondence to TIA regarding ITU-	J. Brownley	10f
, -	T Smart Grid Focus Group	Chair	
19	Correspondence from TR-45.5 to ITU-	O. Pearson	10h
	R WP5D regarding M.1580/1581	Chair TR-45.5	
20	Correspondence from TR-45.5 to ITU-	O. Pearson	10i
20	R WP5D regarding M.2039	Chair TR-45.5	101
21	Correspondence from TR-45.5 to ITU-	O. Pearson	10j
41	_	Chair TR-45.5	10j
22	R WP5D regarding Sharing Studies		101
22	Correspondence from TR-45.5 to ITU-	O. Pearson	10k

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TID AF MO 45 45	D (EE)	0	Page 3 of 13
TR45/10.12.13-	Document Title	Source	Agenda Item
	R WP5A regarding Wide Area Sensor	Chair TR-45.5	
	Networks		
23, 23a, 23b,	Correspondence from TR-45.5 to ITU-	O. Pearson	11d
23c, 23d	R WP5D regarding CDMA-MC for	Chair TR-45.5	
	M.1457-10		
24	Correspondence from Alcatel-Lucent	F. O'Brien	11a
	regarding TR-45.8 Chair Letter of	Alcatel-Lucent	
	Support		
25	LS from ITU-R WP5A regarding Land	G. Owen	11e
-	Mobile Handbook Volume 5 on BWA	ITU-R WP5A LMH	
	Mobile Hamabook Volume of on BVVII	Rapporteur	
26	Letter of Support for TR-45 Chair	F. O'Brien	8
20	Letter of Support for TK-45 Chair	Alcatel-Lucent	0
27	LCTD 025 D A a large (CD Dayler)		9h
27	J-STD 025-B Amendment (SP Project	S. Sheets	9n
	Request AD3) Proposal for PD	Verizon Wireless	
	Location	G. Pellegrino	
		CommFlow Resources	
28r1	OID Administration	G. Pellegrino	9i
		CommFlow Resources	
29	Correspondence to TIA from TR-45.8	B. Covell	10a, 10d
	regarding Style Guide and Document	TR-45.8 Chair	
	Numbering Scheme		
30	Correspondence to TR-45.3 and TR-	J. Brownley	11e
	45.5 regarding ITU-R WP 5A LS on	Chair	
	LMH volume 5 on BWA		
31, 31a, 31b,	Correspondence from TIA to ITU	V. Mitchell	11d
31c	regarding M.1457-10 Submission from	TIA	1141
010	TR-45.5		
32, 32a, 32b	Correspondence from TIA to ITU	V. Mitchell	11c
32, 32a, 32b	regarding M.1457-10 Submission from	TIA	110
	TR-45.3	IIA	
22 22 221-	ITU-R WP5A Liaison Statement	E Mantau Inna	11f
33, 33a, 33b		E. Mostyn-Jones	111
	regarding preliminary draft new	ITU-R	
	Report ITU-R M.[LMS.PPDR.UHF		
24.24	TECH]	1 D 1	40
34, 34a	Draft Report of the Joint ATIS/TIA	J. Brownley	10g
	Meeting on Co-existence and	Chair	
	Interference		
35, 35a, 35b,	Liaison statement from ITU-T FG	H. Ota	10f
35c	Smart: [sp14-fgsmart-oLS-00006]	ITU	
	(Response to TIA Incoming Liaison		
	Statement Regarding TIA's Standards		
	Activities in Support of the Smart		
	Grid)		
36	TR-45 Liaison to ATIS PTSC & WTSC	G. Pellegrino	11g
	for Lawful Intercept activity	CommFlow Resources	1-6
	101 Danial Intercept activity	Committee Resources	1

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TR45/10.12.13-	Document Title	Source	Agenda Item
_		T. Jacobson	
		Alcatel-Lucent	
37	LS from WP5A on Wide Area Sensor	Colin Langtry	11h
	and/or Actuator Network (WASN)	ITU-R WP5A	
	Systems		
38	LS from WP5A on Quality of Service	C. Langtry	11i
	Requirements and Objectives for	ITU-R WP5A	
	Wireless Access Systems		
39	2011 TR-45 Meeting Schedule	J. Brownley	14a
		Chair	
40, 40a	Correspondence to TIA regarding	E. Mostyn-Jones	11j
	Invitation to review Recommendation	ITU-R	
	ITU-R M.1073-2, Digital cellular land		
	mobile telecommunication systems		
41	Liaison from ITU-R WP 5D regarding	C. Langtry	11k
	studies in relation to Resolution 224	ITU-R	
	and Question 229/5		
42	Liaison from ITU-R WP 5D addressed	C. Langtry	12c
	to the IMT-Advanced RIT/SRIT	ITU-R	
	proponents, the GCS proponents and		
	the Independent Evaluation Groups		
43	Liaison from ITU-R WP 5D regarding	C. Langtry	111
	revision of Recommendation ITU-R	ITU-R	
	M.1224		10
44	Liaison from WP 5D regarding the	C. Langtry	10e
	schedule for updating	ITU-R	
	Recommendation ITU-R M.1457-10 to		
45	Revision 11	I.C. '11	11
45	First International M2M	J. Smith,	11m
	Standardization Task Force meeting 18 May 2011 Caylord Tayon Dallas TY	Chair, TR-50	
	May 2011 Gaylord Texan Dallas TX		
46	During TIA 2011	V Mitala all	10b
46	TIA Correspondence Template	V. Mitchell, TIA	100
47	TR 45 Correspondence to TSSC		12f
4/	TR-45 Correspondence to TSSC regarding TR-51	J. Brownley Chair, TR-45	141
48			10c
40	Proposed Changes to TSB-16A	J.Ragsdale Vice Chair TR-45.3	100
49, 49a	NIST Smart Grid Work	J. Brownley,	11n
47, 47d	11131 SHIAH GHU WUIK	Chair, TR-45	1111
50r2	TIA TSR-16 Undate	Anand Akundi	10c
3012	TIA TSB-16 Update	Telcordia	TUC
		Carol-Lyn Taylor	
		National Communications	
		Service (NCS)	
	ATIS/TIA MOU	TIA	9h, 10g

TR45/10.12.13-	Document Title	Source	Agenda Item
52r2	Proposed correspondence to NIST	J.Brownley	11n
	PAP2	Chair TR-45	

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7. Review of Meeting Report from Previous Meetings

Document 10.12.13-02, the 25-26 August 2010 TR-45 meeting report, was approved as presented.

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8. TR-45 Chair Election

Jane Brownley of Alcatel-Lucent was elected by acclamation as the new Chair of TIA Engineering Committee TR-45. J.Brownley was elected to her first 2-year term as Chair of TR-45 (after previously serving out the remaining term vacated by the last Chair.) Document 10.12.13-26 was provided for information.

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9. Reports

9a. TR-45.3 Subcommittee

Document 10.12.13-03r1, the TR-45.3 report, was presented for information.

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Action 10/12-01

TIA will provide the status of the TIA-136-G enhanced addenda to TR-45.3.

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9b. TR-45.4 Subcommittee

The TR-45.4 report to TR-45 was provided in document 10.12.13-04 for information. Document

10.12.13-04 as relates to proposed changes to TSB-16A was deferred until agenda item 10c.

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9c. TR-45.5 Subcommittee

Document 10.12.13-04-05r1, the TR-45.5 report, was presented for information. Document 10.12.13-

05r1 was also attributed to agenda items 10c regarding proposed changes to TSB-16A and agenda

item 10g regarding co-existence and interference.

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9d. TR-45.8 Subcommittee

Document 10.12.13-04-06r1, the TR-45.8 report, was presented for information. TR-45 confirmed the TR-45.8 election of Betsy Covell of Alcatel-Lucent as the Chair of Subcommittee TR-45.8 for another 2-

year term.

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Action 10/12-02

Regarding SS7 Translation Type (TT)/Subsystem Number (SSN) coordination, TIA will update the online tables with the content provided in 10.12.13-06c – specifically section 17C.

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9e. Ad Hoc on Authentication Group (AHAG)

No written report was provided.

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Action 10/12-03

The Secretary will add "Recommendation to Ballot TIA-1208" as a topic on the March 2011 TR-45 1 2 meeting agenda.

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AHG on Electronic Media Documentation (AHEM)

Document 10.12.13-08, the AHEM report to TR-45, was presented for information. It was noted that there has been no AHEM activity since the August 2010 TR-45 meeting.

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Action 10/12-04

The AHEM will bring the previously generated "wish list" of electronic media items to the next TR-45 meeting in March 2011.

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AHG on ESN/UIM/MEID (EUMAG)

- Document 10.12.13-09, the ESN/UIM/MEID Ad Hoc Group (EUMAG) Meeting Summary, was 13
 - presented for information. TR-45 approved the transposition of SC.R4001-0 v2.0, Global Wireless
 - Equipment Numbering Administration Procedures. Document 10.12.13-09a, the ESN Migration to
 - MEID Milestones & Timeline, was provided for information.

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Action 10/12-06

TR-45 will encourage TIA to fill the open Numbering Administrator position as soon as possible, as it is a critical task for the industry.

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• ESN Administrator's Report

The ESN Administrator's Report was presented in document 10.12.13-13 for information.

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• MEID Administrator's Report

The MEID Administrator's Report was presented in document 10.12.13-11 for information.

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• UIM_ID Administrator's Report

The UIM_ID Administrator's Report was presented in document 10.12.13-12 for information. Special thanks were given to the Administrator, the CDG, and others for their continued outreach efforts relative to UIM_IDs.

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9h. J-STD-025 Series Report

TR-45 agreed to the re-affirmation ballot of J-STD-025-B with no objections in anticipation of it reaching its 5-year shelf life expiring around August 2011. It was noted that TIA is the lead on this joint ATIS/TIA document.

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Action 10/12-07

TIA will initiate the process of ANSI re-affirmation of J-STD-025-B (as one single package along with its two (2) current addenda), per the principles outlined in the TIA/ATIS MoU provided in document 10.12.13-51. TR-45 will notify ATIS of the reaffirmation process, accordingly.

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- Document 10.12.13-27, a proposed new addendum to J-STD-025-B to allow a carrier to deliver to LEA
- 44 the full BSID for location, when authorized, on cdma2000 packet data intercepts, was presented. TR-45
 - 45 agreed with no objections to the proposal in document 10.12.13-27 if timed such that the ANSI SP
- 46 requests are made after the re-affirmation of the J-STD-025-B package noted in Action 10/12-07

above. At such time TR-45 will move forward with the joint approval for balloting and publishing Addendum 3 per the joint TIA/ATIS MoU provided in document 10.12.13-51.

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Action 10/12-08

- 6 TR-45.8 LIG will start activity to develop the proposed ballot text ready for Addendum 3 to J-STD-
- 7 025-B per document 10.12.13-27. TR-45.8 LIG will provide the Addendum 3 ballot-ready text prior to
 - the March 2011 TR-45 meeting. TR-45 will send correspondence to ATIS (after the re-affirmation
- 9 process noted in Action 10/12-07 above is completed) regarding the development of Addendum 3 to
- 10 J-STD-025-B.

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9i. OID Administrators Report

- 13 Document 10.12.13-28r1, OID Administration Guidelines and Procedural Updates, was presented for
 - information for consideration. TR-45 approved the Guidelines in document 10.12.13-28ar1 contingent
- on TIA legal review of the disclaimer language in the preface. TR-45 gave the Editor leeway to make
- editorial changes based on any TIA legal feedback. TIA agreed to the first part of recommendation (2)
 - in document 10.12.13-28r1 to develop an OID link on the TIA website. Regarding recommendations
 - 3-5 in document 10.12.13-28r1, TR-45 agreed in concept.

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Action 10/12-09

On future TR-45 meeting agendas, the Secretary will note G. Pellegrino and V. Mitchell as the OID

Administrator contacts.

Action 10/12-10

The Secretary will confirm that the oidadmin@tiaonline.org reflector is still active. G.Pellegrino and

V.Mitchell will be added to the reflector.

Action 10/12-11

The Secretary will forward the TIA OID (Object IDentifier) Assignment Guidelines & Procedures

- (10.12.13-28ar1) to TIA legal counsel for review, in particular the Preface section. Upon TIA legal
- approval, a link to the document will be created on the TIA website
- http://www.tiaonline.org/standards/resources/).

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Action 10/12-12

G.Pellegrino will bring a proposed ATIS Liaison, per recommendation 3 in document 10.12.13-28r1,

to the March 2011 TR-45 meeting for TR-45 to take action, as appropriate.

Action 10/12-13

39 The Secretary will contact ANSI to see if a replacement to hscully@ansi.org has been named and to

request updated ANSI reference text in Section 8.0 of the OID Assignment Guidelines & Procedures

document.

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10. Old Business

- 44 <u>10a. TIA Style Guide</u>
- 45 It was noted that the TIA Technical Standards Subcommittee (TSSC) has embraced the proposed
- 46 modifications to the TIA Style Guide. Modification of the TIA Style Guide is scheduled to begin

1Q2011. Document 10.12.13-29, TR-45.8 correspondence to TIA regarding review of the TIA Style 1 2 Guide and Document Numbering Scheme, was provided for information.

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10b. TIA Correspondence Template

Document 10.12.13-46, the new TIA TSSC approved TIA Correspondence Template, was provided for utilization.

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Action 10/12-14

Document 10.12.13-46, the new TIA Correspondence Template, was remanded to all subcommittees and ad hoc groups for use as needed.

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Action 10/12-15

The Secretary will see that a link to the TIA Correspondence Template is created on the TIA website.

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10c. Proposed Changes to TSB-16A

- 16 Document 10.12.13-16, proposed modifications to TSB-16-A, was provided for information. It was
- noted that 10.12.13-16 is superseded by document 10.12.13-05b that also contains proposed 17
- 18 modifications to TSB-16-A.
- 19 Document 10.12.13-48, TR-45.3 proposed changes to TSB-16A, was provided for information for
- consideration. It was noted that the publication of TIA/EIA-136-H would take place in 2Q2011. 20
- 21 Document 10.12.13-04, regarding the TR-45.4 proposed editorial changes to TSB-16A, was provided
- 22 for information for consideration.
- 23 Document 10.12.13-50ar1, provided by Telcordia and NSC regarding TSB-16A updates based on
- 24 input from TR-45.5 and TR-45.8, was provided for information for consideration.
- 25 Document 10.12.13-05a, TR-45.5 correspondence regarding proposed modifications to TSB-16A, was 26
 - provided for information for consideration.
- 27 Document 10.12.13-05b, TR-45.5 contribution attachment that incorporates the proposed TR-45.5
 - changes to TSB-16-A, was provided for information for consideration.
 - It was noted that TR-45.8 had no further comments.

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> The proposed changes to TSB-16-A were consolidated into document 10.12.13-50ar2 (with -50r2 as the associated cover page.) TR-45 agreed to the ballot ready text for TSB-16-B as provided in document 10.12.13-50ar2.

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Action 10/12-16

- TR-45 approved 10.12.13-50ar2 as ballot-ready text for TSB-16-B. The Chair will submit the 30-day 36
- ballot request for TSB-16-B; ballot comments will be sought from TR-45, TR-45.5, and TR-45.3. The 37
 - requested ballot close date will be Monday 17 January 2011.

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10d. Proposed New Document Numbering Scheme

- Documents 10.12.13-17 and -17a, the TIA TSSC approved new document numbering scheme, was 41
- provided for information. It was noted that the new numbering scheme becomes effective 01 January 42
- 43 2011. Furthermore, it was noted that the new number would be used throughout the life cycle of the
- 44 document (i.e., from PN to publication.) The new numbering scheme applies to new documents only. 45
 - Document 10.12.13-29 was provided for information.

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Action 10/12-05

2 Documents 10.12.13-17 and 17a, the TIA TSSC approved new document numbering scheme, was 3 remanded to all Subcommittees and Ad Hoc Groups for information.

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Liaison from WP 5D regarding the schedule for updating Recommendation ITU-R M.1457-10 to Revision 11

Action 10/12-17

Document 10.12.13-44 was remanded to TR-45.3 and TR-45.5 for action, as appropriate.

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10f. ITU-T Smart Grid Focus Group

- Documents 10.12.13-18 and -18a, correspondence between TR-45 and TIA regarding the ITU-T Smart
- Grid Focus Group, was provided for information.. Document 10.12.13-35 and its attachments were
- provided for information for consideration.

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Action 10/12-18

- TR-45 will provide to TIA a draft of the ITU repository template (provided in document 10.12.13-35b)
- populated with TR-45 Smart Grid activities via consultation with TR-45.5 and TR-45.8. This
- information will be consolidated with other TIA Smart Grid activities and submitted to the ITU for
- inclusion in the ITU repository of Smart Grid standardization activities.

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Action 10/12-19

- 22 TR-45 will provide to the ITU-T Smart Grid Focus Group the information it previously provided to
- 23 NIST PAP2 regarding Smart Grid, noting in the correspondence that a specific technology is not
 - being advocated. The correspondence will also include the list of TR-45 related standards (both
 - published and in development) as well as the M2M study information..

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- ATIS/TIA Joint Work on Coexistence and Interference Issues in Land Mobile Systems
- Document 10.12.13-34, the Draft Report of the Joint ATIS/TIA Meeting on Co-existence and
- Interference, was provided for review for approval. TR-45 approved without objection the meeting report in document 10.12.13-34a.

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Action 10/12-20

- The Chair will notify the ATIS WTSC RAN Chair that TR-45 approved the 24 September 2010 joint
- ATIS/TIA meeting report in document 10.12.13-34a as written (also numbered WTSC-RAN-2010-
- 34 128R1.) 35

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- Document 10.12.13-05, the TR-45.5 report to TR-45 as it relates to the joint work on coexistence and interference, was provided for information. It was reported that TR-45.5 supports participation in the
- 39 ATIS/TIA joint work on coexistence and interference.. TR-45.5 (working with TR-45.3) will be the
- 40 lead TR-45 working group for the co-existence and interference joint work.

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After lengthy discussion TR-45 agreed (with one objection by Sprint Nextel) to move forward with the joint ATIS/TIA work on co-existence and interference issues in land mobile systems per the principles outlined in the TIA/ATIS MoU provided in document 10.12.13-51.

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Action 10/12-21

The Chair will send correspondence to ATIS noting that TR-45 will move forward with the joint ATIS/TIA work on coexistence and interference issues in mobile systems.

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Action 10/12-22

- 5 The Secretary will coordinate with the ATIS Secretariat to create an email reflector for the project per
- 6 the principles outlined in the TIA/ATIS MoU provided in document 10.12.13-51. TR-45.5 and TR-45.3
 - will be included on the reflector.

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- 10h. ITU-R WP5D Recommendation M.1580/1581
- 10 Document 10.12.13-19 was provided for information.

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- 10i. ITU-R WP5D Preliminary Draft Revision of M.2039-1
- 13 Document 10.12.13-20 was provided for information.

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- 10j. ITU-R WP5D Work on UHF Sharing Studies
- 16 Document 10.12.13-21 was provided for information.

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- 10k. ITU-R WP5A Wide Area Sensor Networks
- 19 Document 10.12.13-22 was provided for information.

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11. New Business

- 11a. TR-45.8 Leadership Election Confirmation
- 23 Document 10.12.13-24, TR-45.8 Chair letter of support, was provided for information. The TR-45.8
 - leadership election confirmation was previously addressed during agenda item 9d.

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- 11b. Numbering JEM 05
- 27 Document 10.12.13-14 and its attachments, that provide information on the Numbering JEM 05
 - meeting, were provided for information.

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- 30 <u>11c. TDMA-SC for M.1457-10</u>
- 31 Documents 10.12.13-15 and 10.12.13-32, the information provided to the ITU by TR-45.3 for the
- 32 M.1457-10 update, were provided for information. 33
- 34 <u>11d. CDMA-MC for M.1457-10</u>
- 35 Documents 10.12.13-23 and 10.12.13-31, the information provided to the ITU by TR-45.5 for the
- 36 M.1457-10 update, were provided for information.

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- 11e. ITU-R WP5A Land Mobile Handbook Volume 5 on BWA
- 39 Documents 10.12.13-25 and 10.12.13-30, which contain information on the ITU-R WP 5A LMH
- 40 volume 5 on BWA, were provided for information.

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- 42 11f. ITU-R WP5A Liaison Statement re: preliminary draft new Report ITU-R M.[LMS.PPDR.UHF
- 43 <u>TECH</u>]

- Action 10/12-23
- 2 Document 10.12.13-33 and its attachments were remanded to TR-45.3 and TR-45.5 for action, as
- 3 appropriate.

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- 11g. TR-45 Liaison to ATIS PTSC & WTSC for Lawful Intercept activity
- 6 Following the discussion of document 10.12.13-36, TR-45 recommended that a TR45.8 LIG liaison to
- 7 ATIS Committees PTSC and WTSC be designated to exchange information on the status of LAES
 - standards development, and to assist in any required coordination of LAES standards development.

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- Action 10/12-24
- Document 10.12.13-36 was remanded to TR-45.8 to take action as appropriate.
- 13 11h. LS from WP5A on Wide Area Sensor and/or Actuator Network (WASN) Systems
- 14 Action 10/12-25
- Document 10.12.13-37 was remanded to TR-45.3, TR-45.5, and TR-45.8, for action as appropriate. If
 - needed, coordination between TR-45.5 and TR-45.8 will occur.

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- 11i. LS from WP5A on Quality of Service Requirements and Objectives for Wireless Access
- 19 <u>Systems</u>
- 20 **Action 10/12-26**
 - Document 10.12.13-38 was remanded to TR-43.3, TR-45.5, and TR-45.8 for action, as appropriate. TR-
 - 45.5 and TR-45.8 will coordinate if needed.

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- 11j. Correspondence to TIA regarding Invitation to review Recommendation ITU-R M.1073-2,
 Digital cellular land mobile telecommunication systems
- 26 Action 10/12-27
 - Document 10.12.13-40 was remanded to TR-45.3 and TR-45.5 for action, as appropriate.

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- 11k. Liaison from ITU-R WP 5D to your organization regarding studies in relation to Resolution 224 and Question 229/5
- 31 Action 10/12-28
- 32 Document 10.12.13-41 was remanded to TR-45.3 and TR-45.5 for action, as appropriate
- 34 111. Liaison from ITU-R WP 5D regarding revision of Recommendation ITU-R M.1224
- 35 Action 10/12-29
- 36 Document 10.12.13-43 was remanded to TR-45.3 and TR-45.5 for action as appropriate.

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- 11m. First International M2M Standardization Task Force meeting 18 May 2011 Gaylord Texan Dallas TX During TIA 2011
- 40 Document 10.12.13-45 was provided for information.

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42 11n. NIST Smart Grid Work

- Documents 10.12.13-49 and -49a, WiMAX Forum Comments for "NIST Priority Plan 2 Wireless 1 Standards for Smart Grid v6" were presented for information. Regarding the PAP 2 document the 2 3 following concerns were noted:
 - 1. TIA (as well as ATIS) inputs had not been incorporated into the PAP2 document as excepted.
 - 2. NIST PAP2 had agreed that document 10.12.13-49a would not include technology specific text in the body of the document and that technology specifics would be placed in the annexes.
 - 3. The NIST PAP2 process being followed for document development and publication are not clear.

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- TR-45 decided to draft correspondence to NIST PAP2 that addresses the TR-45 concerns that inputs were not incorporated as expected and that TR-45 would like to review the document before
- finalized. Document 10.12.13-52r2, proposed correspondence that outlines the TR-45 concerns, was 12 approved to go forward to the NIST PAP2. 13

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Action 10/12-30

TR-45 will forward the approved correspondence in document 10.12.13-52r2 to the NIST PAP2.

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18 12. Liaison Reports

- 19 12a. CTIA, R. Kemper
- 20 There was no report.

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- 12b. IT<u>U-T</u>, vacant 22
- 23 There was no report.

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- 12c. ITU-R, M. Epstein
- Document 10.12.13-42 was provided for information

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- 28 12d. CITEL, vacant
- 29 There was no report.
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32 There was no report.

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- 34 12f. TIA, V. Mitchell
- Document 10.12.13-47, TR-45 comments to the TIA Technical Committee (TC) regarding TR-51, was 35 36

provided for information.

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- The Chair plans to participate in the 13 January 2011 TIA ETSC conference call meeting.
- 40 12g. 3GPP2, G. Flynn
- G.Flynn provided a brief verbal report of recent 3GPP2 activities. 41

Wireless Communication Division (WCD), vacant

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43 12h. 3GPP, P. Musgrove

There was no report. 12i. ATIS, T. Jefferies There was no report. 12j. IFAST, E. Hall Document 10.12.13-10, an update of IFAST activities, was presented by D.Crowe on behalf of E.Hall. 13. Review Assignments The meeting assignments are provided throughout this report. 14. Review Meeting Schedules TR-45 2011 Meeting Schedule Document 10.12.13-39, the TR-45 2011 meeting schedule, was provided for information. 14b. Subcommittee 2011 Schedules The 2011 TR-45 subcommittee meeting schedules were provided in the respective subcommittee reports to TR-45. 15. Open Discussion None 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 11:00 AM local time 14 December 2010. Jane C. Brownley Chair **Engineering Committee TR-45** Victoria Mitchell Secretary **Engineering Committee TR-45**