<u>Approved by General Counsel</u>

TR-45 Meeting Report

Date: 9/2-3/09

Location: Las Vegas, NV

Approved: 10/8/09

Telecommunications Industry Association
TR-45 Committee
Mobile & Personal Communications Standards (TR-45)
Report of Meeting
2-3 September 2009
Bellagio Hotel, Las Vegas, NV

Quorum List, Members Present

Member	Representative	Attendance	
		Last	**Prior**
1. Alcatel-Lucent	F. O'Brien	X	X
2. AT&T	P. Musgrove	X	X
3. CDMA Development Group	S. Samra		X
4. CommFlow Resources	G. Pellegrino	X	X
5. Ericsson	J. Ragsdale	X	X
6. LG Electronics	S. Yoon	X	X
7. Qualcomm	F. Quick	X	X
8. Samsung	K. Green	X	
9. Sigma Delta Communications	P. Nurse		X
10. Verizon Wireless	G. Flynn	X	X

Quorum List, Members Absent

[Note: This 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.]

Member	Representative	Attendance	
		Last	**Prior**
1. Motorola	S. Marin	X	X
2. Sprint	S. Manning		X
3. ZTE	M. Li	X	X

Others Present

Member	Representative
1. Alcatel-Lucent	J. Brownley
2. Alcatel-Lucent	O. Pearson
3. Alcatel-Lucent	B. Covell
4. Navsys	A. Brown
5. Navsys	C. Johnson
6. Qualcomm	D. Ott (via phone)
7. Qualcomm	E. Tiedemann (via phone)
8. TIA	C. Blum
9. TIA	J. Derr
10. TIA	A. Dryden (via phone)
11. TIA	V. Mitchell

[Note: The number/letters associated with the sections/paragraphs are related to the agenda item number/letter and the order in which they were addressed during the meeting.]

1. The TR-45 Committee was convened on 02 September 2009, at the Bellagio Hotel in Las Vegas, NV at 1:05 PM local time.
   - G.Flynn/Vice-Chair TR-45 called the meeting to order and welcomed the TR-45 membership to Las Vegas, NV.

2. The Vice-Chair duly informed the meeting attendees of the Important Notice of Participation provided on the meeting agenda.

3. Meeting attendees signed-in electronically at **tr45.tiaonline.org** and attendance was recorded as indicated by the above list and quorum was established.

4. The attached meeting agenda was reviewed and approved.

5. Regarding the early disclosure patent policy,
   The Vice-Chair duly informed the meeting attendees of the TIA Patent Policy per note 4 on the meeting agenda. There were no comments from the meeting attendees regarding the early disclosure of patents.

6. Relative to contributions and submissions, the following documents were numbered and assigned accordingly. Everyone was strongly encouraged to upload contributions to the TIA ftpsite prior to the start of the meeting.

Number	Title	Source	Agenda Item
TR45/09.09.02.00R2	Submission & Contribution Assignment List	J.Brownley Secretary TR45	6
TR45/09.09.02.01R2	Meeting Agenda	C.Blum Chair TR45	4
TR45/09.09.02.02	TR-45 Meeting Report of 3-4 June 2009	J.Brownley Secretary TR45	7
TR45/09.09.02.03	Report of TR-45.3 to TR-45	P. Musgrove Chair TR-45.3	9a, 14b
TR45/09.09.02.04	TR-45.4 Report	G. Turnipseed Chair TR-45.4	9b, 14b
TR45/09.09.02.05/a/b	TR-45.5 Report	O. Pearson Chair TR-45.5	9c, 14b
TR45/09.09.02.06/a/b	TR-45.8 Report to TR-45	B.Covell Chair TR-45.8	9d, 14b
TR45/09.09.02.07	AHAG Report	F. Quick Chair AHAG	9e
TR45/09.09.02.08	AHEM Report	P. Nurse Chair AHEM	9f
TR45/09.09.02.09/a	AHG on ESN/UIM/MEID Report	G. Pellegrino Chair AHG on ESN/UIM/MEID	9g
TR45/09.09.02.10	ESN Administrator's Report	J. Derr ESN Administrator	9g
TR45/09.09.02.11/a	MEID Administrator's Report	A. Dryden MEID Administrator	9g
TR45/09.09.02.12	AHIMT Report	P. Nurse Chair AHIMT	9h
TR45/09.09.02.13	IFAST Liaison Report	E. Hall IFAST Liaison	12j
TR45/09.09.02.14	Correspondence to 3GPP2 TSG-S from TR-45 EUMAG Re: MEID GHA & Global Draft Guidelines	G. Pellegrino Chair AHG on ESN/UIM/MEID	9g

TR45/09.09.02.15	TR-45 2009 Meeting Schedule	J. Brownley Secretary	14a
TR45/09.09.02.16	TR-45 2010 Meeting Schedule	J. Brownley Secretary	14c
TR45/09.09.02.17	Correspondence to ITU-R WP5D Re: TR-45 IMT-Advanced Evaluation Group	C. Blum Chair	9h
TR45/09.09.02.18/a	Correspondence from ITU-R WP5A to EOs Re: Report M2116 on BWA systems	C. Langtry Counsellor, SG 5	11e
TR45/09.09.02.19	Correspondence from TR-45.4 Re: GSC-14	D. Ott Vice Chair TR-45.4	9b
TR45/09.09.02.20	Correspondence to PTSC and WTSC Re: DoJ Study Group	C. Blum Chair	9d
TR45/09.09.02.21	Correspondence from ITU-R to 3GPP2, ARIB, CCSA, TIA, TTA, TTC Re: Status of Revision 9 of Recommendation ITU-R M.1457	C. Langtry Counsellor, SG 5	11a
TR45/09.09.02.22	Correspondence from ITU-R to Evaluation Groups and Technology Proponents Re: Updated Information on IMT-Advanced	C. Langtry Counsellor, SG 5	9h, 11b
TR45/09.09.02.23	Correspondence from ITU-R to External Organizations re: IMT parameters UHF band	C. Langtry Counsellor, SG 5	11c
TR45/09.09.02.24	Correspondence from ITU-R to EOs Re: Femtocells, "Femto Access Nodes"	C. Langtry Counsellor, SG 5	11d
TR45/09.09.02.25	GSC-14 Communiqué	D.Bart TIA HOD to GSC-14	10d
TR45/09.09.02.26	TIA Press Release Re: GSC-14	D.Bart TIA HOD to GSC-14	10d
TR45/09.09.02.27	Correspondence to TC and TSSC Re: Second Ballot of Draft 5th Edition TIA Engineering Manual	S. Montgomery TIA	12f
TR45/09.09.02.28	TR45 Ballot for PN-3-0361	C. Blum Chair	9e
TR45/09.09.02.29	Correspondence from Verizon Re: Letter of Support for TR-45 Vice-Chair	W. Stone Verizon	8
TR45/09.09.02.30/a	NIST Smart Grid SDO Workshop	D. Su NIST	11f
TR45/09.09.02.31	ARIN Presentation on IPv4 to IPv6	J. Curran ARIN	11h
TR45/09.09.02.32R1	Correspondence from Alcatel-Lucent Re: Letter of Support for TR-45.5 Chair	F. O'Brien Alcatel-Lucent	9c, 10c
TR45/09.09.02.33/a	Proposed New Joint ATIS/TIA Project Re: Certification and Testing of the CMAS C-Interface	S. Barclay ATIS	10a
TR45/09.09.02.34	TIA Intelligent Device Viewpoint	F.Yentz ILS Technology	11g
TR45/09.09.02.35	Correspondence from TR-45.5 Re: Project MESA	O. Pearson Chair TR-45.5	9c
TR45/09.09.02.36	Correspondence from TR-45.4 Re: TIA 5th Edition Engineering Manual	D. Ott Vice Chair TR-45.4	9b
TR45/09.09.02.37/a	UIM Administrator's Report	A. Dryden UIM Administrator	9g

TR45/09.09.02.38	Correspondence to TC and TSSC Re: TR-45 Comments on Second Ballot of Draft 5th Edition TIA Engineering Manual	C. Blum Chair	12f
TR45/09.09.02.39	TR-45 Report to TIA TSSC Meeting	C. Blum Chair	12f
TR45/09.09.02.40	TIA TR-45 Assignment Status Report	V. Mitchell TIA	12f
TR45/09.09.02.41	Correspondence from Nortel Networks Re: Letter of Support for TR-45.5 Vice-Chair	A. Vaserfirer Nortel Networks	9c
TR45/09.09.02.42/a	Cell Phones as a GPS Interference Detection and Mitigation Sensor	C. Johnson Navsys	11i
TR45/09.09.02.43	Correspondence from C. Blum, TR-45 Chair Re: Letter of Resignation	C. Blum Chair	11j
TR45/09.09.02.44R2	Correspondence to 3GPP2 Re: UIMID LGE Proposal Request	G. Pellegrino, Chair TR-45 EUMAG	10e
TR45/09.09.02.45R2	Correspondence to CDG Re: UIMID LGE Proposal Request	G. Pellegrino, Chair TR-45 EUMAG	10e
TR45/09.09.02.46	Report of TIA Engineering Committee Chairs Meeting on 20 August 2009	C. Blum Chair	11g
TR45/09.09.02.47	NIST News Release re: Smart Grid Standards	NIST	11f
TR45/09.09.02.48	Correspondence from TR-45.8 to ATIS PTSC and WTSC Re: SS7 TT & SSN Information repository	B. Covell Chair TR-45.8	9d
TR45/09.09.02.49R1	UIMID Assignment Guidelines and Procedures (3GPP2 SC.R4004-0 v1.1)	G. Pellegrino, Chair TR-45 EUMAG	10e
TR45/09.09.02.50	Correspondence to ATIS from TIA Re: Certification and Testing of the CMAS C-Interface	V. Mitchell TIA	10a
TR45/09.06.03.14	Correspondence to CDG Re: Status of UIM_ID Assignment	C. Blum Chair	9g
TR45/09.08.27.02	Correspondence from TR-45 EUMAG Re: Recommendation of the EUMAG to TR-45 regarding the LGE ESN reuse for UIMID proposal	G. Pellegrino, Chair TR-45 EUMAG	10e
TR45/09.08.27.02aR1	TR-45 LGE MEID Migration Issues - Cover	S.Yoon LGE	10e
TR45/09.08.27.02bR1	TR-45 LGE MEID Migration Issues	S.Yoon LGE	10e

7. The meeting report of 3-4 June 2009 numbered TR45/09.09.02.02 was reviewed. A motion was made and passed with no objections to approve the report as amended to update assignment 5 on pages 4 and 7 to change from "copy-to the EUMAG to "copy-to TR-45.8."

8. TR-45 Vice-Chair Election
The Committee TR-45 Vice-Chair election was conducted. There were no nominations for TR-45 Vice-Chair from the floor. There were no objections to the motion to waive the two term limit for TR-45 Vice-Chair. Gerry Flynn of Verizon was re-elected TR-45 Vice-Chair by acclamation. Document .29 was provided for information.

9. The following Subcommittee and Ad-Hoc Group reports were provided:

    a. **TR-45.3 Subcommittee** – P.Musgrove provided Document .03 as the written report.

    b. **TR-45.4 Subcommittee** – D.Ott, Vice-Chair TR-45.4, presented Document .04 as the written report. TIA agreed to provide a table that includes the status of all TR-45 Committee and Subcommittee documents for the Chairs to review for confirmation and to identify any additional document status needs. Feedback from the Chairs to TIA was requested by 15 November 2009. Documents .19 and .36 were provided for information.

    c. **TR-45.5 Subcommittee** – O.Pearson provided Document .05 with attachments .05a and .05b as the written report. Documents .32R1 and .41, containing letters of support relative to the TR-45.5 leadership elections, were provided for information. TR-45 affirmed the elections of Ms. Orlett W. Pearson (Alcatel-Lucent) as TR-45.5 Chair and Mr. Ke-Chi Jang (Nortel) as TR-45.5 Vice-Chair which were by acclamation at the TR-45.5 meeting held in August 2009.   Document .35 was provided for information.

    d. **TR-45.8 Subcommittee** – B.Covell provided Document .06 with attachments .06a and .06b as the written report. TR-45.8 was instructed to direct the TR-45.8 request regarding the use of FrameMaker to the TR-45.AHEM. TR-45.8 will work with TIA regarding the TR-45.8 request to consider adopting a process for the publication of Industry Notices.   Document .06a, the TR-45.8 work plan, was provided for information. Document .06b, that contains the 3GPP2 Publication Process Guidelines (SC.R1001-0), was provided for information. Documents .20 and .48 were provided for information.

    e. **Ad Hoc Authentication Group (AHAG)** – F.Quick provided Document .07 as the written report. The AHAG Chair agreed to forward any TR-45 PN-3-0361 ballot comments to 3GPP2 TSG-S and copy-to TR-45. Document .28 was provided for information.

    f. **AHG on Electronic Media Documentation (AHEM) –** P.Nurse provided Document .08 as the written report.

The Committee recessed for a break at 2:45 PM and reconvened at 3:00 PM.

11. Relative to new business, the following item was addressed:

    f. **NIST Smart Grid SDO Workshop**
        Ed Tiedemann provided a brief verbal report of the technology session of the NIST Smart Grid SDO Workshop held 3-4 August 2009 in Chantilly, VA. Documents .30 and .30a were provided for information for consideration. Document .47 was provided for information.

9. The following Subcommittee and Ad-Hoc Group reports were provided:

    g. **AHG on ESN/UIM/MEID (EUMAG) –** G.Pellegrino provided Document .09 as the written report with attachment .09a. Document .09a, the ESN migration to MEID – milestones & timeline, was provided for information. Attention was drawn to several items in Document .09. Document .14 was provided for information.

        - **ESN Administrator's Report** – J.Derr provided Document .10 as the ESN Administrator's Report.

        - **MEID Administration** – A.Dryden provided Documents .11 and .11a as written reports for information.

        - **UIM_ID Administrator's Report** - A.Dryden provided Documents .37 and .37a as written reports for information. Attention was drawn to page 3 of the report in Document .37a. Document TR45/09.06.03.14 was provided for information. Going forward the TR-45 agenda will indicate that A.Dryden is the point of contact for the UIMID Administrator's Report to TR-45.

10. Relative to old business, the following item was addressed:

    e.   **Review and approval of EUMAG Recommendations to TR-45 re: LGE ESN Reuse for UIMID Proposal**
There was follow-up discussion relative to the recommendations and conclusions in Document TR45/09.08.27.02.

        Regarding Recommendation-1:
The proposed correspondence in Document .45 was reviewed for approval. Document .45R1 as amended will be provided at the TR-45 meeting on Thursday 3 September 2009 for review for approval. Documents TR45/09.08.27.02aR1 and TR45/09.08.27.02bR1 were presented. It was reported that the R1 versions of these documents include the addition of "Expected Case Analysis in Emergency" cases related to the proposed ESN reclamation initiative for "R-UIMID use only" assignments. It was agreed that Document TR45/09.08.27.02bR1 would be beneficial reference material to attach to the correspondence in Document .45R1 and other related correspondences. The EUMAG Chair agreed to provide proposed updates to the UIM Guidelines as Document .49 at the TR-45 meeting on Thursday 3 September 2009.

        Regarding Conclusion Bullet # 4:
The proposed correspondence in Document .44 was reviewed for approval. Document .44R1 as amended will be provided at the TR-45 meeting on Thursday 3 September 2009.

9. The following Subcommittee and Ad-Hoc Group reports were provided:

    h. **AHG on International Mobile Telecommunications (AHIMT)** – P.Nurse provided Document .12 as the written report. Document .17 was provided for information. There were no objectives to the TR-45 Evaluation Group presenting at the ITU-R WP5D Workshop on IMT-Advanced on 15 October 2009 in Dresden, Germany. Peter Nurse, the TR-45.AHIMT Chair, graciously agreed to give the presentation at the Workshop on behalf of TR-45. Regarding the membership of the TR-45 Evaluation Group, it was agreed that all members of TR-45 are candidate members of the TR-45 Evaluation Group. The TR-45.AHIMT will provide a proposed TR-45 Evaluation Group presentation for the ITU-R WP5D Workshop on IMT-Advanced for review for approval during the interim TR-45 plenary teleconference meeting scheduled for 02 October 2009. Discussion of Document .22 was deferred until agenda item 11b.

    i. **J-STD-025 Series Report -** There was nothing to report.

    j. **OID Administrators Report -** The Administrator position remains vacant.

10. Relative to old business, the following item was addressed:

    a. **Joint CMAS Standards Development**
Document .33 was reviewed for consideration. TR-45 endorsed the TR-45.8 recommendation that TR-45 accepts the new joint standards project with ATIS regarding the certification and testing of the CMAS C-interface. There were no objections to TR-45.8 communicating the TR-45 endorsement of the new joint standards project with ATIS regarding the certification and testing of the CMAS C-interface as provided in Document .33. Document .50 was provided for information.

    b. **Joint Enhanced Wireless 9-1-1 (J-STD-036) Standards Development**
Joint enhanced wireless 9-1-1 (J-STD-036) standards development was covered previously during the TR-45.8 report under agenda item 9d.

    c. **2009 TR-45 Leadership Election Affirmation**

The affirmation of the TR-45.5 leadership elections was covered previously during the TR-45.5 report under agenda item 9c. It was reported that the TR-45.3 leadership elections would be conducted during the TR-45.3 meeting scheduled for Monday 28 September 2009.

The Committee recessed at 6:00 PM Local Time on Wednesday 02 September 2009 and re-convened at 8:45 AM Local Time on Thursday 03 September 2009.

d. **GSC-14 Readout**
C.Blum provided a brief verbal report on GSC-14 held 13-16 July 2009 in Geneva. Documents .25 and .26 containing the GSC-14 Communique and the TIA Press Release on GSC-14, respectively, were provided for information. It was reported that GSC-15 will be hosted by CCSA in Beijing 30 August to 02 September 2010. It was noted that GSC-15 conflicts with the scheduled TR-45 meeting dates. C.Blum will be the TIA HoD to GSC-15.

e. **Review and Approval of EUMAG Recommendation to TR-45 re: LGE ESN Reuse for UIMID Proposal** *(continued)*
Document .44R1 was approved with no objections. Document .45R2 was approved with no objections. The proposed ESN Administrator correspondence with the UIMID Administrator regarding the UIMID proposal request will be placed on the agenda for review for approval during the interim TR-45 plenary meeting scheduled for 02 October 2009. The ESN Administrator indicated that the correspondence is under development with assistance from TIA legal. The next TR-45.EUMAG meeting is scheduled for 16 September 2009.

f. **Global Wireless Equipment Numbering Identifier Resources and Administration JEM**
The Global Wireless Equipment Numbering Identifier Resources and Administration Joint Experts Meeting (JEM) was covered previously under agenda item 9g. It was noted that JEM information is available on the TIA web site.

11. Relative to new business, the following items were addressed:

a. **ITU-R Liaison Statement on the Status of Revision 9 of Recommendation ITU-R M.1457**
Document .21 was provided to TR-45 for information at this meeting. Document .21 was remanded previously by the TR-45 Chair to TR-45.3 and TR-45.5 to review and to respond directly back to ITU-R WP5D by the 03 August 2009 due date. TR-45.3 and TR-45.5 indicated that they responded to ITU-R WP5D by the due date. Document .21 was remanded to TR-45.5 and TR-45.3 as previously directed.

b. **ITU-R Liaison Statement on Updated Information on IMT-Advanced**
The ITU-R Liaison Statement (LS) on IMT-Advanced in Document .22 contains corrections to M.2135 on channel models, updates to the ITU-R IMT-Advanced webpage, and information about the Workshop on IMT-Advanced scheduled for 8:30 AM – 12:00 PM on Thursday 15 October 2009 in Dresden, Germany. The LS was remanded previously by the TR-45 Chair to the TR-45.AHIMT for review and to take action as appropriate. Document .22 was remanded to TR-45.AHIMT as previously directed.

c. **ITU-R Liaison Statement on IMT Parameters for Band 790-862 MHz for use by JTG 5-6**
The ITU-R Liaison Statement (LS) on IMT Parameters for Band 790-862 MHz for use by JTG 5-6 is provided in Document .23. The LS is for information to TR-45. The LS was remanded previously by the TR-45 Chair to TR-45.3 and TR-45.5 to review and to take action as appropriate. It was noted that TR-45.5 continues to review the LS to determine if TR-45.5 has any input to the ITU-R. Document .23 was remanded to TR-45.3 and TR-45.5 as previously directed.

d. **ITU-R Liaison Statement on Femtocells, "Femto Access Nodes"**
Document .24 was provided for information to TR-45. Document .24 was remanded to the TR-45 Subcommittees, AHIMT, and AHAG for information.

e. **ITU-R Liaison Statement on Report M.2116 regarding BWA Systems**
Document .18 was provided for information to TR-45. Documents .18 and .18a were remanded to TR-45.3 and TR-45.5 to review and to take action as appropriate. Attention was drawn to Annex 12 of Report M.2116 and provided as Document .18a to this meeting.

g. **TIA Intelligent Devices Viewpoint**
It was reported that a conference call was held on 20 August 2009 with TIA Engineering Committee Chairs and others to discuss existing and potential work in the area of intelligent devices. It was reported that there has been discussions on the possibility of creating a new TIA Engineering Committee on "Smart Devices." A follow-up TIA Engineering Committee Chairs meeting is scheduled for 17 September 2009. Furthermore, the subject is on the proposed agenda for the upcoming TIA TC and TIA TSSC meetings scheduled for 29, 30 October 2009, respectively. Documents .34 and .46 were remanded to the TR-45 Subcommittees for information. Member companies were encouraged to provide feedback directly to the TIA VP of Standards prior to the 17 September 2009 conference call.

The Committee recessed for a break at 10:05 AM and reconvened at 10:20 AM.

h. **ARIN Presentation on IPv4 to IPv6**
Document .31 provides a presentation from ARIN on the subject of the migration from IPv4 to IPv6. John Curran of ARIN has agreed to brief TR-45 on the subject at the face-to-face TR-45 meeting in December 2009. It was noted that John Curran is scheduled to make a presentation on the subject at the 3GPP2 meeting in Hollywood, CA on Monday 21 September 2009. Document .31 was remanded to the TR-45 Subcommittees to review to determine any impacts or work needed in 2010 and report back at the next TR-45 meeting in December 2009.

i. **Cell Phones as a GPS Interference Detection and Mitigation Sensor**
Document .42 was provided for information. Attention was drawn to slide 11 in Document .42. Navsys was informed that TR-45 is an Engineering Committee of TIA thus prohibited from discussions related to financial and political issues. All discussions on the topic will be of a technical nature. Document .42 was remanded to the TR-45 Subcommittees for information.

j. **TR-45 Chair Resignation**
Cheryl Blum resigned as Chair of Committee TR-45. A plaque with a certificate of appreciation was presented from TIA TR-45 to Cheryl Blum in recognition of her years of leadership and dedication as the Chair of TIA TR-45. Document .43 was provided for information. Election of a new TR-45 Chair to serve out the remaining term is scheduled to occur during an interim TR-45 plenary meeting via teleconference on 2 October 2009.

12. In terms of Liaisons, the following was reported:

a. **CTIA** – There was no report.

b. **ITU-T** – There was no report.

c. **ITU-R** – There was no report. However, it was mentioned that the next ITU-R WP 5D meeting would be held 14-21 October 2009 in Dresden, Germany. It was noted that the proposed cut off for submissions of candidate IMT-Advanced RIT and SRIT proposals is the 14-21 October 2009 meeting of WP 5D.

d. **CITEL** – There was no report.

e. **Wireless Communications Division (WCD)** – There was no report. It was noted that the next meeting of the TIA WCD will be co-located with the TR-45 in March 2010 in Denver, CO.

f. **TIA** – TIA will create an email reflector for TR-45 Chair. It was confirmed that TR-45 would meet in March 2010 on Tuesday and Wednesday 9-10 March 2009 in Denver, CO. A TR-45 sleeping room cost cap of $199.00 was shared with TIA. It was noted that the ballot closed for the 5th Edition of the TIA Engineering Manual. Ballot comments were received and it is anticipated that the 5th Edition will be approved by the TIA Technical Committee during its next meeting scheduled for 29 October 2009. Documents .27, .38, .39, and .40 were provided for information.

g. **3GPP2** – G.Flynn provided a brief verbal report.

h. **3GPP** – On behalf of P.Musgrove, J.Brownley provided a brief verbal report. It was noted that Release 9 completion is targeted for December 2009.

i. **ATIS** – There was no report.

j. **IFAST** – Document .13 was provided as the written report.

k. **Project MESA** – It was reported that there is discussion of disbanding Project MESA. The standing agenda item will be removed form the TR-45 agenda going forward.

13. In review of assignments, a summary of the assignments was as follows:

1. TIA agreed to provide a table that includes the status of all TR-45 Committee and Subcommittee documents for the Chairs to review for confirmation and to identify any additional document status needs. Feedback from the Chairs to TIA is requested by 15 November 2009.
2. TR-45.8 was instructed to direct the TR-45.8 request regarding the use of FrameMaker to the TR-45.AHEM.
3. TR-45.8 will work with TIA regarding the TR-45.8 request to consider adopting a process for the publication of Industry Notices.
4. The AHAG Chair agreed to forward any TR-45 PN-3-0361 ballot comments to 3GPP2 TSG-S and copy-to TR-45.
5. Going forward the TR-45 agenda will indicate that A.Dryden is the point of contact for the UIMID Administrator's Report to TR-45.
6. TR-45.8 will communicate to ATIS the TR-45 endorsement of the new joint standards project regarding the certification and testing of the CMAS C-interface as provided in Document .33.
7. The proposed ESN Administrator correspondence with the UIMID Administrator regarding the UIMID proposal request will be placed on the agenda for review for approval during the interim TR-45 plenary teleconference meeting scheduled for 02 October 2009.
8. The TR-45.AHIMT will provide a proposed TR-45 Evaluation Group presentation for the ITU-R WP5D Workshop on IMT-Advanced for review for approval during the interim TR-45 plenary teleconference meeting scheduled for 02 October 2009.
9. Document .21 was remanded to TR-45.5 and TR-45.3 as previously directed.
10. Document .22 was remanded to TR-45. AHIMT as previously directed.
11. Document .23 was remanded to TR-45.3 and TR-45.5 as previously directed.
12. Document .24 was remanded to the TR-45 Subcommittees, AHIMT, and AHAG for information.
13. Documents .18 and .18a were remanded to TR-45.3 and TR-45.5 to review and to take action as appropriate.
14. Documents .34 and .46 were remanded to the TR-45 Subcommittees for information.
15. Member companies were encouraged to provide feedback directly to the TIA VP of Standards prior to the 17 September 2009 conference call regarding TIA intelligent devices viewpoint.
16. Document .31 was remanded to the TR-45 Subcommittees to review to determine any impacts or work needed in 2010 and report back at the next TR-45 meeting in December 2009.
17. Document .42 was remanded to the TR-45 Subcommittees for information.
18. TIA will create an email reflector for the TR-45 Chair.
19. An interim TR-45 plenary teleconference meeting will be scheduled for 02 October 2009 from 2:00 to 3:00 PM Eastern Time. The agenda for the interim TR-45 plenary meeting will include the TR-45 Chair election, the affirmation of the TR-45.3 leadership elections, the TR-45 Evaluation Group presentation

for the ITU-R WP5D Workshop on IMT-Advanced, and the ESN Administrator's correspondence regarding the UIMID proposal.

14. Review meeting schedules,

   a. **TR-45 2009 Schedule –** Document .15 was provided for information.   An interim TR-45 plenary teleconference meeting was scheduled for 02 October 2009 from 2:00 to 3:00 PM Eastern Time. The agenda for the interim TR-45 plenary meeting will include the TR-45 Chair election, the affirmation of the TR-45.3 leadership elections, the TR-45 Evaluation Group presentation for the ITU-R WP5D Workshop on IMT-Advanced, and the ESN Administrator's correspondence regarding the UIMID proposal.

   b. **Subcommittees and AHG 2008 Schedules –** Documents .03, .04, .05, and .06 were provided for information.

   c. **TR-45 2010 Schedule –** Document .16 was provided for information.

15. Adjournment
   Having concluded the meeting's deliberations, a motion was made to adjourn. The meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at approximately 12:00 AM local time 3 September 2009.

Gerard Flynn
Vice-Chair
Engineering Committee TR-45

Jane C. Brownley
Secretary
Engineering Committee TR-45

Organization: **TIA Engineering Committee TR-45**
  Mobile & Personal Communications Standards (TR-45)
Chair: **Cheryl J. Blum**
  Alcatel-Lucent
  630-713-1449, Fax: 630-713-4119
Date: **Wednesday, September 2 through Thursday, September 3, 2009**
Time: **Convene at 1:00 PM Local Time**
  Adjournment at approximately 12:00 PM Local Time
Location: **Bellagio Hotel**
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Cut-Off: **August 12, 2009**

EDC Cut-off: **August 31, 2009 11:59 PM Eastern Time** (Please see Note 2 below.)
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AGENDA

PLEASE READ: See the notes below for important information relative to the meeting agenda
and the electronic distribution of contributions.

1. Call to Order & Opening Remarks, Chair
2. Important Notice of Participation (see Note 1 below)
3. Attendance Registration & Roll Call
   - Please Sign-in at **tr45.tiaonline.org**
4. Agenda Review & Approval *(TR45/09.09.02.01R2)*
5. Early Disclosure Policy (see Note 4 below)
6. Introduction of Submissions and Contributions and Numbering (Please see Note 3 below.)
7. Review of Meeting Report from Previous Meetings, Secretary *(TR45/09.09.02.02)*
8. TR-45 Vice-Chair Election *(TR45/09.09.02.29)*
9. Reports
   a. TR45.3 Subcommittee, P.Musgrove *(TR45/09.09.02.03)*
   b. TR45.4 Subcommittee, G.Turnipseed *(TR45/09.09.02.04), (TR45/09.09.02.19), (TR45/09.09.02.36)*
   c. TR45.5 Subcommittee, O.Pearson *(TR45/09.09.02.05), (TR45/09.09.02.35), (TR45/09.09.02.41), (TR45/09.09.02.32R1)*
   d. TR45.8 Subcommittee, B.Covell *(TR45/09.09.02.06), (TR45/09.09.02.20), (TR45/09.09.02.48)*
   e. Ad Hoc on Authentication Group (AHAG), F.Quick *(TR45/09.09.02.07), (TR45/09.09.02.28)*
   f. AHG on Electronic Media Documentation (AHEM), P.Nurse *(TR45/09.09.02.08)*
   g. AHG on ESN/UIM/MEID (EUMAG), G.Pellegrino *(TR45/09.09.02.09), (TR45/09.09.02.14)*

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Note 2: Recesses may occur at any point in the agenda, when necessary, for breaks, meals, and recessing for the day.

Organization: TIA Engineering Committee TR-45
                  Mobile & Personal Communications Standards (TR-45)
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- ESN Administrator's Report, J.Derr *(TR45/09.09.02.10)*
- MEID Administrator's Report, A.Dryden *(TR45/09.09.02.11)*
- UIM_ID Administrator's Report, *vacant (TR45/09.06.03.14), (TR45/09.09.02.37)*

   h. AHG on International Mobile Telecommunications (AHIMT), P.Nurse *(TR45/09.09.02.12), (TR45/09.09.02.17), (TR45/09.09.02.22)*
   i. J-STD-025 Series Report, G.Pellegrino
   j. OID Administrators Report, *vacant*

10. Old Business
   a. Joint CMAS Standards Development *(TR45/09.09.02.33), (TR45/09.09.02.50)*
   b. Joint Enhanced Wireless 9-1-1 (J-STD-036) Standards Development
   c. 2009 TR-45 Leadership Election Affirmation *(TR45/09.09.02.32R1), (TR45/09.09.02.41)*
   d. GSC-14 Readout *(TR45/09.09.02.25), (TR45/09.09.02.26)*
   e. Review and approval of EUMAG Recommendation to TR-45 re: LGE ESN reuse for UIMID proposal *(TR45/09.08.27.02, .2aR1, .2bR1), (TR45/09.09.02.44R2), (TR45/09.09.02.45R2), (TR45/09.09.02.49R1)*
   f. Global Wireless Equipment Numbering Identifier Resources and Administration JEM

11. New Business
   a. ITU-R Liaison Statement on the Status of Revision 9 of Recommendation ITU-R M.1457 *(TR45/09.09.02.21)*
   b. ITU-R Liaison Statement on Updated Information on IMT-Advanced *(TR45/09.09.02.22)*
   c. ITU-R Liaison Statement on IMT Parameters for Band 790-862 MHz for use by JTG 5-6 *(TR45/09.09.02.23)*
   d. ITU-R Liaison Statement on Femtocells, "Femto Access Nodes" *(TR45/09.09.02.24)*
   e. ITU-R Liaison Statement on Report M.2116 regarding BWA Systems *(TR45/09.09.02.18)*
   f. NIST Smart Grid SDO Workshop *(TR45/09.09.02.30), (TR45/09.09.02.47)*
   g. TIA Intelligent Devices Viewpoint *(TR45/09.09.02.34), (TR45/09.09.02.46)*
   h. ARIN Presentation on IPv4 to IPv6 *(TR45/09.09.02.31)*
   i. Cell Phones as a GPS Interference Detection and Mitigation Sensor *(TR45/09.09.02.42)*
   j. TR-45 Chair Resignation *(TR45/09.09.02.43)*

12. Liaison Reports
   a. CTIA, R.Kemper
   b. ITU-T, *vacant*
   c. ITU-R, M.Epstein
   d. CITEL, *vacant*
   e. Wireless Communication Division (WCD), *vacant*
   f. TIA, V.Mitchell *(TR45/09.09.02.27), (TR45/09.09.02.38), (TR45/09.09.02.39), (TR45/09.09.02.40)*
   g. 3GPP2, G.Flynn
   h. 3GPP, P.Musgrove
   i. ATIS, T.Jefferies
   j. IFAST, E.Hall *(TR45/09.09.02.13)*

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Note 3: Contributions uploaded will not be distributed via paper copy at the meeting. Contributions will be uploaded to the TIA ftp site prior to the meeting and during the meeting. For access to the ftp sites, the username/password is tiatr45/1tr45. For electronic documentation distribution guidelines see the Guidelines for TR45 Electronic Document Coordination Process and Policy appended to the TIA Guidelines for Electronic Document Coordinators (EDC) located at http://www.tiaonline.org/standards/sfg/edc_guidelines.cfm For TIA ftp site assistance contact Stephanie Montgomery, Manager, Technical & Regulatory Affairs at (703) 907-7735 or smontgomery@tiaonline.org.

Note 4: The TIA Patent Policy can be found in Statements of Policy and subsequent sections of the updated TIA Engineering Manual (issued and effective June 1, 2001). Participants in the work of the TIA Formulating Group are urged to review and comply with the appropriate sections (i.e., Section 6.5.1 and Annex H.)

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      k.   Project MESA, *vacant*

13. Review Assignments
14. Review Meeting Schedules
    a. TR-45 2009 Schedule *(TR45/09.09.02.15)*
    b. Subcommittee and AHGs 2009 Schedules *(TR45/09.09.02.03), (TR45/09.09.02.04), (TR45/09.09.02.05), (TR45/09.09.02.06)*
    c. TR-45 2010 Schedule *(TR45/09.09.02.16)*
15. Open Discussion
16. Adjournment