Approved by General Counsel

TR-8 Meeting Report

Date(s): 01/27/2016 - 01/27/2016

Location: San Diego, CA

Approved: 03/17/2016

**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

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TR-8 Mobile and Personal Private Radio Meeting Report

Presiding: **Andy Davis, Chairman**

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andy.davis@motorolasolutions.com

Date/Time: **Wednesday January 27, 2016**

1300 – 1330 Local time

Place: **Double Tree by Hilton**
11915 El Camino Real
San Diego, CA 92130

Important Notice for Participation

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1. Call to Order

The Chair called the meeting to order at 1305 local time, January 27, 2016 and recorded the meeting notes.

2. Record of Attendance

The meeting sign-in code was **3529**.   A list of attendees is attached. As a result of the roll call, a quorum was determined to be present.   The attendees were advised of the Important Notice of Participation.

3. Review and Approve Agenda

TIA published the agenda prior to this meeting. The agenda was also available on the TIA server as "TR8-16-001_Meeting_2016_01_26_Notice_Agenda.pdf". Jim Downes moved to approve the agenda, and John Lambrou seconded the motion. The motion was approved unanimously by voice vote.

4. Review and Approve Last Meeting Report

TIA published the last TR-8 Meeting Report also available on the meeting server as "TR8-15-017 TR-8_Meeting_2015_10_28_Meeting_Report.pdf". Jim Downes moved to approve the Meeting Report, and Tim O'Brien seconded the motion.   The motion was approved unanimously by voice vote.

5. TIA IPR Policy

The TIA patent policy was read earlier in the day:

"TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX D) and other clauses and annexes of this document. Participants in the work of the TIA Formulating Groups are urged to review the appropriate sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication, including requirements introduced through normative references, early on in the development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with a TIA Patent Holder Statement with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy."

INTELLECTUAL PROPERTY RIGHTS (early disclosure policy)
"TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines."

The TR-8 Chair asked if there was knowledge of patents, the use of which may be essential to any document being considered during this meeting that anyone would like to disclose at this time. No new IPR was identified.

6. Review Status of Old Assignments

a. TSB-102-C Disposition and Status Update

John Lambrou provided a status presentation. John Lambrou reported that the TSB-102-C ballot had closed and 2 organizations had voted to approve with comments. A copy of the ballot summary report was made available on the server. John reported that the comment resolution has been completed and a comment matrix showing agreed resolutions for all ballot comments was made available on the server. A copy of the document showing modifications associated with all ballot comment resolutions was also made available on the server. John Lambrou moved, and Jackson Chan seconded, a motion to publish TSB-102-C with "Project 25" on the cover page if the Project 25 Steering Committee approves the document as part of the Project 25 Standard; if the

Project 25 Steering Committee does not respond in the affirmative within 20 calendar days, the document will be published without "Project 25" on the cover page. The motion was approved unanimously by voice vote.

7. TR-8.1 Transceiver Measurement Procedures and Performance - Oblak

John Oblak reported that TR-8.1 did meet this week and during the meeting, TIA-102.CAAA-E, TIA-102.CCAA-B and TIA-603-E were all approved for publication. John Oblak moved, and Jim Downes seconded, a motion to publish TIA-102.CAAA-E and TIA-102.CCAA-B with "Project 25" on the cover page if the Project 25 Steering Committee approves the document as part of the Project 25 Standard; if the Project 25 Steering Committee does not respond in the affirmative within 20 calendar days, the document will be published without "Project 25" on the cover page. The motion was approved unanimously by voice vote.
John also reported that nominations for the Chair and Vice Chair positions were open and leadership elections would be held at the Kansas City quorum meeting.

8. TR-8.3 Encryption – Senese

The chairman was not present. Andy Davis informed the group that TR-8.3 did not meet during the week.

9. TR-8.4 Vocoder – Andy Davis (TR-8 Chair)

Andy Davis informed the group that TR-8.4 did not meet during the week. Andy reported that both the Chair and Vice Chair positions are vacant and nominations are open for both positions. Andy also reported that leadership elections would be held at the Kansas City quorum meeting.

10. TR-8.5 Data - Eastwood

Jim Eastwood reported that TR-8.5 did meet during the week and that a motion was approved to open a new project for Revision B of TSB-102.BAJA-A Location Services Overview and comments are being collected for the revision.
Jim also reported that errata comments are being collected for TIA-102.BAEJ CMS Specification for Packet Data.

11. TR-8.8 Broadband Data Systems – Andy Davis (TR-8 Chair)

Andy Davis reported that he convened a quorum meeting of TR-8.8 during the week. Andy reported that both the Chair and Vice Chair positions are vacant and nominations are open for both positions. Andy also reported that leadership elections would be held at the Kansas City quorum meeting.

12. TR-8.10 Trunking and Conventional Control - Lambrou

John Lambrou reported that TR-8.10 did meet during the week and there was approval to open a new project for an addendum to ANSI/TIA-102.AABC to revise the Emergency Alarm Request message.

John also reported that there was approval to open a new project for a TIA standard to address the National Fire Prevention Association request for a message containing a talker identity for use with analog voice transmissions.

13. TR-8.11 Antennas - O'Brien

Tim O'Brien reported that TR-8.11 did meet during the week and draft revisions for TSB-179-A and TIA-156-B were made available. A 30 day review period ending February 22, 2016 was established for both documents.

14. TR-8.12 2-Slot TDMA - McClellan

Roy McClellan reported that TR-8.12 did meet during the week. Roy reported that he is creating a new email distribution list for the subcommittee.

Roy reported that there was approval to withdraw/close the project for TIA-102.BBAC-A and there was approval to open a project for TIA-102. BBAD.

Roy reported approval of the creation of a non formulating working (WG-1) with the same scope, leadership and membership as TR-8.12.

Roy reported that TIA staff would be eliminating 3 TIA-905 projects that were created in error during TIA database migration.

15. TR-8.15 Common Air Interface - Eastwood

Jim Eastwood reported that TR-8.15 did meet during the week and that drafting of the 3rd Edition of Common Air Interface to be published as TIA-102.BAAA-B and the 5th Edition of Common Air Interface Reserved Values to be published as TIA-102.BAAC-D were in progress.

Jim also reported approval of the creation of a non formulating working (WG-1) with the same scope, leadership and membership as TR-8.15.

16. TR-8.17 RF Exposure – Lambrou

John Lambrou reported that TR-8.17 did not meet during the week.

17. TR-8.18 Wireless Systems Interference and Coverage - Rubinstein

Tom Rubinstein reported that TR-8.18 did meet during the week and that he expected TSB-88.4 and TSB-88.5 to be ready for ballot by the Kansas City meeting.

Tom reported that there was approval to open a project for the revision of TSB-176.

Tom reported that TR-8.18 had consolidated their working groups down to 3 active working groups (WG-1, WG-2, WG-4) and Todd Summers was appointed as chairman of WG-1)

18. TR-8.19 Wireline Systems Interface - Drobka

Jerry Drobka reported that TR-8.19 did meet during the week and that work continues on TIA-102.BACA-B errata comment resolution.

19. TR-8.21 Intrinsic Safety – Lambrou

John Lambrou reported that TR-8.21 did meet during the week and that there was approval to withdraw/close the project for TIA-4950-A-1 and to open a new project for revision of TIA-4950-A to TIA-4950-B.

20. TR-8.25 Compliance Assessment – Holthaus

Jim Holthaus reported that TR-8.25 did not meet during the week. Jim also reported that default ballots for TIA-102. CAEA-A and TIA-102.CAEB-A have not yet opened.

21. New Business

No new business was offered.

22. Review of New Assignments

Andy Davis noted an action item to forward 3 documents to the Steering Committee for their consideration (TSB-102-C, TIA-102.CAAA-E, TIA-102.CCAA-B).

Andy noted an action item to update and distribute the unofficial TR-8 document and project tracking spreadsheets.

23. Schedule Next Meeting

Marianna Kramarikova noted that face to face meetings have been scheduled for June 7-9, 2016 in Kansas City, MO. Marianna also noted that a previous survey had concluded that the fall 2016 meetings would not attempt to co-locate with the APCO Canada show (Nov. 7-9) but, she believed there was new information to consider and a discussion about this ensued.

Concerns were expressed about the ability to schedule the TIA/P25 meetings back to back with the APCO sessions, the remote meeting location, the potential inability for

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government employees to get travel approval, and the occurrence of U.S. Presidential Elections and Veteran's Day during the targeted meeting week. The discussion concluded that co-locating with Canada APCO this year were not practical and the preferred locations for the October 2016 meetings are (in order of preference) Pittsburg or Philadelphia and the preferred dates (in order of preference) are October 18-20 or October 11-13.

Discussion concluded that the Orlando, Nashville, Ft. Lauderdale or Miami be considered for the January 2017 locations are Orlando or Nashville and the meetings be held either January 24-26 or February 1-3.

24. Adjourn

Bill Janky made a motion to adjourn. Roy McClellan seconded. The meeting was adjourned at 1400 local time. The attendance roster has been filed with the TIA Engineering Department. This meeting was conducted in accordance with the TIA Legal Guides and the engineering procedures.

Andy Davis
Chairman, TR-8

Attendee	Company / Representing	Signed in
Rubinstein, Tom	C: ACD Telecom R: ACD Telecom	1/27/16 11:55
McClellan, W. Roy	C: Airbus DS Communications R:	1/27/16 05:03
Chan, Jackson	C: Airbus DS Communications, Inc. R:	1/27/16 05:02
*Devine, Stephen	C: APCO Intl R:	1/27/16 05:01
O'Brien, Timothy	C: Bird Technologies R: Bird Technologies	1/27/16 02:03
Metzger, Larry	C: Cisco Systems, Inc. R: Cisco Systems, Inc.	1/27/16 05:16
Reitsma, Dale	C: Codan Radio R:	1/27/16 05:02
Olson, Bernie	C: CSI Telecommunications R:	1/26/16 05:03
Oblak, John	C: E.F. Johnson Technologies R: E.F. Johnson Technologies	1/27/16 11:44

*Smith, Dwight	C: EF Johnson R:	1/27/16 04:04
*Johnson, Josh	C: EFJohnson Technologies R:	1/27/16 05:01
Chapman, Doug	C: Etherstack R: Etherstack	1/27/16 05:01
Massie, Richard	C: FBI R: FBI	1/27/16 05:01
*McIntosh, John	C: FCCA R:	1/27/16 05:01
Reves, Harrison	C: Harris Corporation R: Harris Corporation	1/27/16 05:01
*Wardner, Paul	C: Icom America R:	1/27/16 05:01
Takahashi, Masaaki	C: Icom America Inc. R: Icom America Inc.	1/27/16 05:03
Devasirvatham, Daniel	C: Idaho National Laboratory R:	1/27/16 05:01
*Allen, Craig	C: Iowa Statewide Interoperable Communications System Boardo R: State of Iowa	1/27/16 05:01
Berger, Joel	C: JVCKenwood USA Corp. R: JVCKenwood USA Corp.	1/27/16 05:02
Lambrou, John	C: Motorola Inc. R: Motorola Inc.	1/27/16 11:49
Drobka, Jerry	C: Motorola Solutions R:	1/26/16 04:53
Eastwood, Jim	C: Motorola Solutions, Inc. R: Motorola Solutions, Inc.	1/27/16 05:01
Holthaus, Jim	C: RELM Wireless Corp. R: RELM Wireless Corp.	1/27/16 05:01
Shapiro, Robert	C: Robert C, Shapiro, PE R:	1/27/16 05:01
*Summers, Todd	C: Softwright R:	1/27/16 05:01

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Crouch, George	C: State of South Carolina R: State of South Carolina	1/27/16 05:22
Brown, Kenneth	C: Technisonic Industries Ltd. R: Technisonic Industries Ltd.	1/27/16 05:04
Gilbert, Paul	C: Texas Dept of Transportion R:	1/27/16 05:01
Kramarikova, Marianna	C: TIA R: TIA	1/26/16 06:25
Speights, Don	C: U.S. Department of Homeland Secu R: U.S. Department of Homeland Secu	1/27/16 05:03
Diemer, Brandon	C: US Department of Interior R:	1/27/16 06:07
Richmond, Randy	C: Zetron, Inc. R: Zetron, Inc.	1/27/16 04:25