Approved by General Counsel

TR-8 Meeting Report

Date(s): 02/01/2017 - 02/01/2017

Location: Orlando, FL

Approved: 02/16/2017

TR-8 Mobile and Personal Private Radio Meeting Report

Presiding:	**Andy Davis, Chairman**	**+1 480.986.9430** andy.davis@motorolasolutions.com
Date/Time:	**Wednesday February 1, 2017**	**9:30 – 10:00 am Local time**
Place:	**Embassy Suites by Hilton Orlando International Drive Convention Center** **8978 International Drive** **Orlando, FL 32819**	

Important Notice for Participation

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1. Call to Order

The Chair called the meeting to order at 8:40 am local time, February 1, 2017 and recorded the meeting notes.

2. Record of Attendance

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 which had been read earlier in the day.

3. Review and Approve Agenda

TIA published the agenda prior to this meeting. The agenda was also available on the TIA server as "TR8-17-001_Meeting_2017_02_01_Notice_Agenda.pdf". Dwight Smith 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 "TR8-16-011_Meeting_2016_10_18_Meeting_Report.pdf". Dwight Smith moved to approve the Meeting Report and Glenn Shirley 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

The chairman reported that after the last quorum meeting, 1 document had been provided to the Steering Committee for their consideration (
ANSI/TIA-102.AABC-D-1). The Steering Committee approved adding the document to the suite of Project 25 Standards and the document has been published.
The chairman also reported that after the last quorum meeting, the unofficial TR-8 document and project tracking spreadsheets had been updated and distributed.

7. TR-8.1 Transceiver Measurement Procedures and Performance

The TR-8 chair noted that TR-8.1 did not meet during the week and no status report was available.

8. **TR-8.3 Encryption – Senese**

The TR-8 chair noted that TR-8.3 did not meet during the week.

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

The TR-8 chair informed the group that TR-8.4 did not meet during the week and there are no active work items.

10. **TR-8.5 Data - Eastwood**

The TR-8.5 chair reported that TR-8.5 did hold a quorum meeting during the week. Jim reported that during that meeting there was agreement to create a non formulating Working Group. Jim also reported that he had been re-elected as chair and that the vice chair position remains vacant.

11. **TR-8.8 Broadband Data Systems – Davis**

The TR-8.8 chair reported that he convened a quorum meeting of TR-8.8 during the week and gave a verbal status update.

12. **TR-8.10 Trunking and Conventional Control - Lambrou**

The TR-8.10 chair reported that TR-8.10 did not meet during the week and gave a presentation on current activities. John reported that the NFPA had given approval to proceed with the draft standard for Numeric Identifier for Conventional Analog Operation (Project: ANSI/TIA-PN-5045). John stated that he will establish a comment period for the draft document in preparation for ballot.

13. **TR-8.11 Antennas - Davis**

The TR-8 chair reported that TR-8.11 did meet during the week and gave a verbal status update. The TR-8.11 chair has resigned and the TR-8 chair convened the TR-8.11 meeting. During the meeting, TSB-179-A was approved for ballot. The acting chair also reported that elections were held for both the chair and vice-chair positions. There were no nominations so the TR-8 chair will remain the acting chair until a nominee is elected.

14. **TR-8.12 2-Slot TDMA - McClellan**

The TR-8.12 chair gave a status update of current activites. The chair reported that during this week's meeting, the draft proposal for TIA-PN-102.BBAD Two-Slot TDMA Control

Channel MAC Layer Specification was approved for ballot. The chair also reported that TR-8.12 will consider work on the associated test documents.

15. TR-8.15 Common Air Interface - Eastwood

The TR-8.15 chair reported that TR-8.15 did meet during the week and provided a status presentation. Jim reported that during this week's meeting 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 approved for publication. Jim also reported that he had been re-elected as chair and the vice chair position remains vacant.

16. TR-8.17 RF Exposure – Lambrou

The TR-8.17 chair reported that TR-8.17 did meet during the week and gave a verbal update. John reported that during this week's meeting he was re-elected as chair and the vice chair position remains vacant.

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

The TR-8.18 chair reported that TR-8.18 did meet during the week and gave a status presentation. The chair reported that during the meeting the group approved the publication of 2 documents (TSB-88.3-D-1 & TSB-176-A).
The chair also reported that Bob Shapiro had been elected vice chair.

18. TR-8.19 Wireline Systems Interface - Drobka

The TR-8.19 chair reported that TR-8.19 did meet during the week and gave a status presentation. The chair reported that the group approved that the addendum to TIA-102.BACD-B (to be published as TIA-102.BACD-B-1) for "man-down" emergency signaling was approved for ballot.

19. TR-8.21 Intrinsic Safety – Lambrou

The TR-8.21 chair reported that TR-8.17 did meet during the week and gave a verbal update. John reported that during this week's meeting he was re-elected as chair and the vice chair position remains vacant..

20. TR-8.25 Compliance Assessment – Holthaus

The TR-8.25 chair reported that TR-8.25 did meet during the week. Jim reported that during the week the group approved TIA-102.CABC-D-1 for publication. Jim also reported that the group is working on a revision to the ISSI RCAT (to be published as TSB-102.CBBK-B).

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21. New Business

Dan Robinson made a presentation on the NPSTC PAM tool. Dan explained that NPSTC is requesting TR-8 to publish a TSB that documents a schema for extracting codeplug information from a particular manufacturers code plug programming software that can be imported to another manufacturer's codeplug programming software. Jim Hothaus submitted a draft document including a proposed schema. The TR-8 chair proposed a 30-day comment period on the document. Tom Hengeveld then started a discussion regarding whether this document should be a TSB or a TIA Standard. Ultimately, there was agreement to review it as if it were going to be a standard in TR-8. After some discussion, there was agreement on creation of a non formulating Working Group within TR-8 having the same membership, leadership and Scope as TR-8.

22. Election of Chair and Vice Chair

The TR-8 chair stated nominated himself for a second term as chair and asked if there were any other nominations. None noted. Jim Downes made a motion to close the floor for nomination and to re-elect Andy Davis as chair. Dwight Smith seconded the motion. The motion was approved unanimously by voice vote.
The TR-8 chair asked if there were any nominations for the vice chair position. None noted.

23. Review of New Assignments

The TR-8 chair noted an action item to forward 3 documents to the Steering Committee for their consideration:
> ANSI/TIA-PN-102.BAAA-B FDMA Common Air Interface
> ANSI/TIA-PN-102.BAAC-D Common Air Interface Reserved Values
> TIA-102.CABC-C P25 Interoperability Testing for Voice Operation in Trunked Systems

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

24. Schedule Next Meeting

There was no discussion but earlier in the week, the TR-8 chair had stated that TIA was working on a hotel contract for downtown Chicago for the week of June 20-22 2017. From the discussion at the October 2016 TR-8 meeting, TIA is considering San Francisco or the West Coast area for meetings October 17 – 19, 2017.

25. Adjourn

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Dwight Smith made a motion to adjourn and Roy McClellan seconded the motion. The meeting was adjourned at 9:50 am 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
McClellan, W. Roy	C: Airbus DS Communications R:
*Bredstrup, Amanda	C: APCO International R:
*Wilson, Chris	C: APCO International R:
*Sanvido, Amy	C: Bird Technologies R:
Metzger, Larry	C: Cisco Systems, Inc. R: Cisco Systems, Inc.
*Reardon, Gerald	C: City of Cambridge R: P-25 CAP AP
Zielke, Lyndon	C: Cobham R: Cobham
*Espinoza, Chris	C: CSRA - DHS OIC Support R:
*KOWDLEY, SRIDHAR	C: DHS R:
Hardwick, Dr. John C	C: Digital Voice Systems, Inc. R: Digital Voice Systems, Inc.
*Smith, Dwight	C: EF Johnson R:
*Johnson, Josh	C: EFJohnson Technologies R: EFJohnson Technologies
Wilson, Nick	C: Etherstack R:
*Locke, Charlie	C: Fairfaxcounty R:

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Massie, Richard	C: FBI R: FBI
*Kindelspire, Chris	C: Grundy County 911 R:
Hengeveld, Tom	C: Harris R: Harris
Reves, Harrison	C: Harris Corporation R: Harris Corporation
*Wardner, Paul	C: Icom America R:
Takahashi, Masaaki	C: Icom America Inc. R: Icom America Inc.
*Allen, Craig	C: ISICSB R: State Iowa
*Strope, roger	C: Missouri Department of Public Safety R: Missouri Department of Public Safety
Lambrou, John	C: Motorola Inc. R: Motorola Inc.
Drobka, Jerry	C: Motorola Solutions R:
Eastwood, Jim	C: Motorola Solutions, Inc. R: Motorola Solutions, Inc.
*Martinez-Bradwell, Maribel	C: NYSP R:
Shirley, Glenn	C: Pantel R:
*Pagones, Basil (Bill)	C: PTIG R: PTIG
Holthaus, Jim	C: RELM Wireless Corp. R: RELM Wireless Corp.
*Summers, Todd	C: Softwright R:
*Kionka, Mike	C: State of Colorado R:
*Wright, Scott	C: State of CT R:

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*Robinson, Dan	C: State of Michigan R:
*Stoddard, Brad	C: State of MIchigan R: NASTD
Crouch, George	C: State of South Carolina R: State of South Carolina
Brown, Kenneth	C: Technisonic Industries Ltd. R: Technisonic Industries Ltd.
Kramarikova, Marianna	C: TIA R: TIA
*bielby, christie	C: TX DPS R:
Speights, Don	C: U.S. Department of Homeland Secu R: U.S. Department of Homeland Secu
Downes, James	C: U.S. Department of Homeland Security R: U.S. Department of Homeland Security
*Kendall, Sonia	C: US Coast Guard R:
Richmond, Randy	C: Zetron, Inc. R: Zetron, Inc.

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