

Approved by General Counsel

TR-8 Meeting Report

Date(s): 06/21/2017 - 06/21/2017

Location: Chicago, IL

Approved: 07/05/2017



TR-8 Mobile and Personal Private Radio Meeting Report

Presiding: Andy Davis, Chairman +1 480.986.9430
andy.davis@motorolasolutions.com

Date/Time: Wednesday June 21, 2017 9:00 – 10:00 am Local time

Place: Hilton Garden Inn Chicago Downtown Magnificent Mile
10 E. Grand Ave.
Chicago, IL 60611

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1. Call to Order

The Chair called the meeting to order at 9:37 am local time, June 21, 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 "TR8-17-009-R1_Meeting_2017_06_21_Notice_Agenda Rev 1.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 "TR8-17-003_Meeting_2017_02_01_Meeting_Report.pdf". Dwight Smith moved to approve the Meeting Report and Jim Eastwood seconded the motion. The motion was approved unanimously by voice vote.

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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, document: “TR8-17-007_Draft TSB PAM Tool Schema” was distributed to Working Group 1 for review and comment. The chairman reported that comments have been received from EF Johnson and noted that comments are expected from Motorola Solutions within a week. The document author (Jim Holthaus, BK Technologies (Relm)) agreed to compile the comments and provide author responses. The chairman will then distribute this document and schedule a Working Group 1 conference call to discuss the comments.

7. TR-8.1 Transceiver Measurement Procedures and Performance – Hartless (acting vice chair)

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The TR-8 chair noted that TR-8.1 did not meet during the week and no status report was available. The TR-8 chair also announced that leadership elections are planned for the October 2017 quorum meeting.

8. TR-8.3 Encryption – Senese

The TR-8.3 chair noted that TR-8.3 did not meet during the week. The TR-8.3 chair also announced that leadership elections are planned for the October 2017 quorum meeting.

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 send a revision of the Location Services Overview to ballot (to be published as TSB-BAJA-B). The TR-8.5 chair also reported that there was agreement to open a new project for revision of the Tier 2 Location Service Specification (ANSI/TIA-102.BAJC-A).

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 meet during the week. The TR-8.10 chair reported that the Numeric Identifier for Conventional Analog Operation document was approved for publication (ANSI/TIA-5045). The TR-8.10 chair also reported that a new project was approved for an addendum to the Control Channel Messages document. A version of the document containing all comment resolutions was approved for ballot (to be published as ANSI/TIA-102.AABC-D-2). The TR-8.10 chair announced that both the Trunking Overview (ANSI/TIA-102.AABA-B) and the Trunking Control Channel Formats (ANSI/TIA-102.AABB-B) documents were due for reaffirmation or revision and new projects were approved for both work items.

13. TR-8.11 Antennas - Davis (TR-8 Chair)

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The TR-8 chair reported that TR-8.11 did meet during the week and gave a verbal status update. The TR-8 chair reported that the ballot for TSB-179-A was complete and resulted in a disapprove with technical comment vote and so, the document will be revised and re-balloted. A revision of the balloted document was provided that addresses all ballot comments and a review period established. The TR-8 chair reported that leadership elections were attempted this week but there were no nominations for either the chair or vice chair positions so the TR-8 chair will remain the acting chair until a nominee is elected. Another election is planned for the October quorum meeting.

14. TR-8.12 2-Slot TDMA - McClellan

The TR-8.12 chair gave a status update of current activities. 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 publication. The chair also reported that leadership elections are planned for the October quorum meeting..

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. TR-8.15 chair reported that both the FDMA Common Air Interface document (ANSI/TIA-PN-102.BAAA-B) and the CAI Reserved Values document (ANSI/TIA-PN-102.BAAC-D) successfully completed re-ballot. TR-8.15 chair noted that these documents have already been approved for publication.

16. TR-8.17 RF Exposure – Lambrou

The TR-8.17 chair reported that TR-8.17 did not meet during the week and there are no active work items.

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

The TR-8.18 chair reported that TR-8.18 did not meet during the week and gave a status presentation. The TR-8.18 chair reported that document; TSB-88.3-D-1 Wireless Communications Systems Performance in Noise and Interference Limited Situations Part 3: Recommended Methods for Technology-Independent Performance Verification Addendum 1 – Broadband-to-Narrowband Interference Scenarios had been published.

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 TR-8.19 chair reported that an addendum to TIA-102.BACD-B (to be published as TIA-102.BACD-B-1) for "man-down" emergency signaling has been published.

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The TR-8.19 chair also reported that TIA-102.BAHA-A Fixed Station Interface Messages and Procedures had been approved for publication. TR-8.19 held elections this week and Jerry Drobka was re-elected as chair. The vice chair position remains vacant. TR-8.19 approved opening of a new project for an addendum to the ISSI Messages and Procedures for Supplementary Data document (to be published as TIA-102.BACD-B-2).

19. TR-8.21 Intrinsic Safety – Lambrou

The TR-8.21 chair reported that TR-8.17 did not meet during the week and that there were no active work items.

20. TR-8.25 Compliance Assessment – Holthaus

The TR-8.25 chair reported that TR-8.25 did meet during the week. The TR-8.25 chair reported that work continues on a revision to the ISSI RCAT (to be published as TSB-102.CBBK-B).

21. New Business

Allan Massie introduced a letter from the Federal Partnership for Interoperable Communications Security Subcommittee describing concerns associated with the in availability of standard based products that can be used for encryption key transfer. After much discussion of the topic, the TR-8 chair observed that the only item in the letter that does not have a published or draft standard is the ability to pass keys and key updates from the KMF to radio system network infrastructure components such as consoles and gateways via a secure connection, regardless of manufacturer. The TR-8 chair advised that anyone wishing to make a contribution in this area should contact the TR-8.3 subcommittee chair or the APIC Encryption Task Group chair.

22. Review of New Assignments

The TR-8 chair noted an action item to forward 2 documents to the Steering Committee for their consideration:

TIA-102.BAHA-A Fixed Station Interface Messages and Procedures

TIA-PN-102.BBAD Two-Slot TDMA Control Channel MAC Layer Specification

The TR-8 chair noted an action item to forward a combined comment matrix on the draft PAM Tool Schema document when available and schedule a conference call to discuss the comments.

23. Schedule Next Meeting



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The TR-8 chair noted that TIA staff was working on booking meeting facilities for the following upcoming face to face meetings:

Oct 17 -19 Portland, San Diego, Salt Lake City

Feb 6-8 Phoenix

There was a brief discussion on dates and locations for a face to face meeting in the June 2018 time frame. The third or fourth week of June was proposed and a location in the northeast U.S. southeast U.S., Texas or Oklahoma were proposed.

24. Adjourn

Dwight Smith made a motion to adjourn and Jerry Drobka seconded the motion. The meeting was adjourned at 11:03 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:
*Sanvido, Amy	C: Bird Technologies R:
Jacobs, Michael	C: Booz Allen Hamilton R:
Zielke, Lyndon	C: Cobham R: Cobham
*Bianchi, Todd	C: DC Fire & EMS R:
Hardwick, Dr. John C	C: Digital Voice Systems, Inc. R: Digital Voice Systems, Inc.
*Olson, Peter	C: EF Johnson R:
*Smith, Dwight	C: EF Johnson R:
Chapman, Doug	C: Etherstack R: Etherstack



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Massie, Richard	C: FBI R: FBI
*Murchison, John	C: FPIC Support R:
*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.
Shirley, Glenn	C: InterTalk Critical Information Systems R:
*Allen, Craig	C: ISICSB R: State Iowa
*Seay, Angelina	C: JVCKenwood R:
*Strope, roger	C: Missouri Department of Public Safety R: Missouri Department of Public Safety
Davis, Andy	C: Motorola Inc. R: Motorola Inc.
Lambrou, John	C: Motorola Inc. R: Motorola Inc.
Drobka, Jerry	C: Motorola Solutions R:
Senese, Tom	C: Motorola Solutions Inc. R: Motorola Solutions Inc.
Eastwood, Jim	C: Motorola Solutions, Inc. R: Motorola Solutions, Inc.
*Martinez-Bradwell, Maribel	C: NYSP R:
Nichols, Stephen	C: Project 25 Technology Interest GRoup R: 1951



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Holthaus, Jim	C: RELM Wireless Corp. R: RELM Wireless Corp.
*Wright, Scott	C: State of CT R:
*Maiers, Chris	C: State of Iowa R: Iowa Statewide Interoperable Communications System Board
*Stoddard, Brad	C: State of Michigan R: NASTD
Gilbert, Paul	C: Texas Dept of Transportation R:
*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
Diemer, Brandon	C: US Department of Interior R:
Richmond, Randy	C: Zetron, Inc. R: Zetron, Inc.