

**Approved by General Counsel**

TR-8 Meeting Report

Date(s): 02/07/2018 - 02/07/2018

Location: Mesa, AZ

Approved: 03/09/2018



# TR-8 Mobile and Personal Private Radio Meeting Report

**Presiding:** Andy Davis, Chairman

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**Date/Time:** Wednesday February 7, 2018

1:30 – 2:30 pm Local time

**Place:** Phoenix Marriott Mesa  
200 North Centennial Way  
Mesa, AZ 85201

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## Important Notice for Participation

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### 1. Call to Order

The Chair called the meeting to order at 1:40 pm local time, February 7, 2018 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 Chair read 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 "TR8-18-001\_TR-8\_Meeting\_Notice\_Agenda 2018\_2\_07 Rev1.pdf". John Lambrou moved to approve the agenda, and Glenn Shirley 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 "TR8-17-017\_TR-8\_Meeting\_2017\_10\_18\_Meeting\_Report.pdf". Jim Eastwood moved to approve the Meeting Report and Tom Hengeveld seconded the motion. The motion was approved unanimously by voice vote.

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### 5. TIA IPR Policy

The Chair read the TIA patent policy:

“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 Chair noted that at the quorum meeting held in October, Jim Holthaus provided a revision of the draft PAM Tool Schema document (TR8-17-007-R1) that included modifications to address the agreed comment resolutions. A review period for the revision was established with comment requested by December 20. This review period was then extended and comments were received from EF Johnson. The Chair noted that these comments (TR8-17-020-R1 Comments on TR8-17-007-R1 EFJ.docx) were on the server. The Chair then noted that Motorola intended to submit comments but had not had time to

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complete their review. The Chair asked if any others intended to submit comments. None noted. The Chair then proposed extending the comment period to the end of February. There were no objections.

The document author agreed that once the Motorola comments are received, he will create a compiled comment matrix with author responses. The chairman will then distribute this document and schedule a Working Group 1 conference call (if needed) to discuss the comments.

### **7. TR-8.1 Transceiver Measurement Procedures and Performance – Davis (acting chair)**

As the acting TR-8.1 Chair, the TR-8 Chair reported that TR-8.1 met during the week and agreed to open projects for revision of the following documents:

- ANSI/TIA-102.CAAA-E Digital C4FM/CQPSK Transceiver Measurement Methods
- ANSI/TIA-102.CAAB-D Land Mobile Radio Transceiver Performance Recommendations, Digital Radio Technology C4FM/CQPSK Modulation
- ANSI/TIA-102.CCAA-B Two-Slot Time Division Multiple Access Transceiver Measurement Methods
- ANSI/TIA-102.CCAB-A Two-Slot Time Division Multiple Access Transceiver Performance Recommendations
- ANSI/TIA-603-E Land Mobile FM or PM Communications Equipment Measurement and Performance Standards

The TR-8 Chair reported that leadership elections had been attempted in TR-8.1 but no nominations were received for either the Chair or Vice Chair position.

The TR-8 Chair then noted that he had forgotten an item of new business for TR-8.1 and proposed creation of a non-formulating Working Group (WG-1) with the same leadership, membership, mission, scope and email distribution list as TR-8.1. There was no objection.

### **8. TR-8.3 Encryption – Senese**

The TR-8 Chair reported that TR-8.3 did not meet during the week and noted that ANSI consideration of the TIA-102.AAAB-A Security Services Overview and TIA-102.AAAB-A-1 documents maintained by TR-8.3 was overdue. Jim Hotlthaus moved to open a project to revise the ANSI/TIA-102.AAAB-A Security Services Overview document and Jim Eastwood seconded the motion. The motion was approved unanimously by voice vote.

The revision will include merging the material found in ANSI/TIA-102.AAAB-A-1 and any other comments received. Comments on the published documents are requested by the end of March.

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



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The TR-8 Chair reported 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 (Jim Eastwood) reported that TR-8.5 did hold a quorum meeting during the week. Jim reported that during that meeting there was agreement to open a project for revision of the ANSI/TIA-102.BAEG "Conventional Management Service Specification for Packet Data" document.

### **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 an update on 3GPP Mission Critical LTE standards work and an update on the joint ATIS/TIA Joint LMR LTE working group (JLMRLTE). The Chair also reported that a verbal status update on the National Public Safety Telecommunications Council (NPSTC) LMR to LTE Integration and Interoperability Working Group activities was provided. The Chair also reported that a modification to the Mission and Scope statement had been approved during the meeting.

### **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 ballot for ANSI/TIA-102.AABC-D-3 had closed and all comments have been addressed and the document was approved for publication.

The TR-8.10 Chair also reported that leadership elections were held during the meeting and John Lambrou was re-elected as chair.

### **13. TR-8.11 Antennas - Bankston**

The TR-8.11 Chair reported that TR-8.11 did meet during the week. The TR-8.11 Chair also reported that the ballot for TIA-PN-179-A had closed and all comments have been addressed and the document was approved for publication.

### **14. TR-8.12 2-Slot TDMA - Eastwood**

The TR-8.12 Chair reported that TR-8.12 did meet during the week. The TR-8.12 Chair reported that during the meeting there was approval to open projects for the following:

- TIA-102.BBAC-A (revision)
- TIA-102.BBAD-A (revision)



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- TIA-102.BBAE (new document)

### **15. TR-8.15 Common Air Interface - Eastwood**

The TR-8.15 Chair reported that TR-8.15 did not meet during the week.

### **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 meet during the week. The TR-8.18 Chair reported that work continues on the revisions of TSB-88.1-D and TSB-88.3-D.

### **18. TR-8.19 Wireline Systems Interface - Drobka**

The TR-8.19 Chair reported that TR-8.19 did meet during the week. The TR-8.19 Chair reported that during the meeting, TIA-102.BACD-B-2 was approved for publication. The TR-8.19 Chair also reported that work continues on the ISSI Messages and Procedures for Group Regrouping document (to be published as TIA-BACG) was approved.

### **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) and that a second review of the TIA-CABA revision was in progress.

### **21. New Business**

Alan Massie presented a document on behalf of the Federal Partnership for Interoperable Communications that described their position on P25 Key Management Interfaces.



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### **22. Review of New Assignments**

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

ANSI/TIA-102.AABC-D-3 “Accessory Sensed Emergency” Addendum

TIA-102.BACD-B-2 “ISSI Messages and Procedures for Individual Regrouping”

The TR-8 Chair noted an action item to announce an extension of the comment period for the draft PAM Tool Schema.

The TR-8 Chair noted an action item to update the TR-8 projects and documents spreadsheets.

### **23. Schedule Next Meeting**

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

June 19 – 21 in Hartford CT, Charlotte NC or Atlanta GA

October 15 – 19 in Des Moines IA or Dallas, San Antonio or El Paso TX.

There was a brief discussion on dates and locations for a face to face meeting in the January/February 2019 time frame. Mesa AZ, Nashville TRN or Charlotte NC were suggested.

### **24. Adjourn**

John Lambrou made a motion to adjourn and Glenn Shirley seconded the motion. The meeting was adjourned at 2:19 pm 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



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Attendee	Company / Representing
*Mistro, John	C: APCO International R:
*Sanvido, Amy	C: Bird Technologies R:
Jacobs, Michael	C: Booz Allen Hamilton R:
Hoepf, Werner	C: Codan Radio Communications R: Codan Radio Communications
*Pawlak, Christian	C: Compliance Testing LLC R: Compliance Testing LLC
*Bankston, Jim	C: dbSpectra R:
*Zachmeyer, Sandra	C: dbSpectra R:
*Murchison, John	C: DHS OEC Support R:
*Zhu, Liangbi	C: DHS OEC Support R:
*Urbanczyk, Mitch	C: EF Johnson Tech. R:
*Johnson, Josh	C: EFJohnson Technologies R: EFJohnson Technologies
Chapman, Doug	C: Etherstack R: Etherstack
Wilson, Nick	C: Etherstack R:
*Locke, Charlie	C: Fairfaxcounty R:
Massie, Richard	C: FBI R: FBI
*Kindelspire, Chris	C: Grundy County 911 R:
Reves, Harrison	C: Harris Corporation R: Harris Corporation





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*Wells, Derek	C: Harris Corporation R:
Takahashi, Masaaki	C: Icom America Inc. R: Icom America Inc.
Shirley, Glenn	C: InterTalk Critical Information Systems R:
*Seay, Angelina	C: JVCKenwood R:
*England, Scott	C: LARICS /LACoFD R: Los Angeles County Fire Department
*Pao, Ted	C: Los Angeles Regional Communications System R:
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:
Nichols, Stephen	C: Project 25 Technology Interest Group R: 1951
Holthaus, Jim	C: RELM Wireless Corp. R: RELM Wireless Corp.
*Summers, Todd	C: Softwright R:
*Maiers, Chris	C: State of Iowa R: Iowa Statewide Interoperable Communications System Board
*Stoddard, Brad	C: State of Michigan R: NASTD
Crouch, George	C: State of South Carolina R: State of South Carolina
Gilbert, Paul	C: Texas Dept of Transportation R:



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Speights, Don	C: U.S. Department of Homeland Secu R: U.S. Department of Homeland Secu
*Kendall, Sonia	C: US Coast Guard R:
Richmond, Randy	C: Zetron, Inc. R: Zetron, Inc.

NOTE: A \* denotes an attendee that has manually entered their information into the system and may not be currently in the TIA membership database.