



Telecommunications Industry Association

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Approved by General Counsel

TR-8

Meeting Date(s): 5 February 2020

Location: Renaissance New Orleans Pere Marquette French Quarter
Area Hotel – New Orleans, LA

Approved: 13 February 2020



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 5, 2020 11:30 am – 12:00 pm local time

Place: Renaissance New Orleans Pere Marquette French Quarter Area Hotel
817 Common Street
New Orleans, LA 70112

Participation Notice

TIA is actively seeking participation in projects from the “User” and “General Interest” communities.

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1. Call to Order

The Chair called the meeting to order at 11:39 am local time, February 5, 2020 and recorded the meeting notes.

2. Record of Attendance



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A list of attendees is attached. As a result of the roll call, a quorum was determined to be present. The Chair noted that the TIA Participation Notice and the TIA Important Notice of Participation had been read earlier in the day and reminded the participants that TIA is actively seeking participation in projects from the “User” and “General Interest” communities.

3. Review and Approve Agenda

TIA published the agenda prior to this meeting. The agenda was also available on the TIA server as “TR8-20-001_TR-8_Meeting_Notice_Agenda 2020_2_05.pdf”. Alan Massie moved to approve the agenda and Dwight Smith 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 “TR8-19-013_APPROVED - TR-8_Meeting_2018_10_09_Meeting_Report.pdf”. Dwight Smith moved to approve the Meeting Report and Jim Harry Reeves seconded the motion. The motion was approved unanimously by voice vote.

5. TIA IPR Policy

The Chair noted that the TIA patent policy and early disclosure request had been read earlier in the day and 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 updated versions of the informal TR-8 document tracking spreadsheet (TR8-19-014_TR8docs.xlsx) and project tracking spreadsheet (TR8-19-015_TR8projs.xlsx) were available on the server.

The Chair noted that after the Charlotte meeting six documents that had been approved for publication were provided to the Steering Committee for their consideration of adding the documents to the suite of P25 Standards. All six documents were approved.

The author of the draft PAM Tool Schema document (TR8-17-007-R1) reported that in response to comments received from Motorola and EF Johnson, he was working on a draft revision of the document and hoped to have something ready by the June meeting.

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



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The TR-8.1 acting Chair (Andy Davis) reported that TR-8.1 did hold a quorum meeting during the week. Andy reported that comments against TIA-102.CAAA-F FDMA Measurement Methods from CSI Telecommunications had been received and distributed and a comment deadline of March 5 was agreed to.

Revisions of the following documents are pending:

- 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

Leadership elections were attempted but there were no nominations for the Chair or Vice Chair position.

8. TR-8.3 Encryption – Woodward

The TR-8.3 Chair (Tim Woodward) reported that TR-8.3 did hold a quorum meeting during the week. Tim reported that an addendum to ANSI/TIA-102.AACA-A to address Single Key/Multi Key interoperability was approved for publication.

9. TR-8.4 Vocoder – Davis (Acting Chair)

The TR-8.4 acting Chair (Andy Davis) 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 not hold a quorum meeting during the week. Jim reported that the Tier 1 Location Services document and the IP Data Bearer Services document had both published. Jim also noted that the Data Overview and Specification (ANSI/ TIA-102.BAEA-C) document and the Radio Control Protocol Specification (ANSI/ TIA-102.BAEE-C) were both up for 5 year ANSI review. Jim requested comments on the published versions by June 5.

11. TR-8.8 Broadband Data Systems – Davis



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The TR-8.8 Chair (Andy Davis) reported that TR-8.8 did hold a quorum meeting during the week during which he provided an informal presentation on 3GPP Mission Critical LTE standards activities.

Andy also reported that he provided a status update on the joint ATIS/TIA Joint LMR LTE working group (JLMRLTE) and a verbal status update on the National Public Safety Telecommunications Council (NPSTC) LMR to LTE Integration and Interoperability Working Group activities was provided Chris Kindelspire.

Andy also reported that Randy Richmond gave a short briefing on the activities of the Public Safety Technology Alliance.

12. TR-8.10 Trunking and Conventional Control - Lambrou

The TR-8.10 Chair (John Lambrou) reported that TR-8.10 did hold a quorum meeting during the week and that there was approval to publish TSB-102-D TIA-102 Documentation Suite Overview.

13. TR-8.11 Antennas - Bankston

The TR-8.11 Chair was not present and TR-8.11 did not meet during the week.

14. TR-8.12 2-Slot TDMA - Eastwood

The TR-8.12 Chair (Jim Eastwood) reported that TR-8.12 did hold a quorum meeting during the week and 3 that elections were held. Jim was re-elected as Chair and there were no nominations for the Vice Chair position.

15. TR-8.15 Common Air Interface - Eastwood

The TR-8.15 Chair (Jim Eastwood) reported that TR-8.15 did meet during the week. Jim reported that there was approval to request an extension for ANSI/TIA-PN-102.BAAD-B.

16. TR-8.17 RF Exposure – Lambrou

The TR-8.17 Chair (John Lambrou) reported that TR-8.17 did not meet during the week and that there is no active work and the subcommittee does not need to meet at the next face to face meeting.

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



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The TR-8.18 Chair (Jim Eastwood) reported that TR-8.18 did hold a meeting during the week. Jim reported that there was approval for a project. Jim reported that there was approval to send revision F of TSB-88.2 to ballot. Jim also reported that there was approval to open a project for revision F of TSB-88.3.

18. TR-8.19 Wireline Systems Interface - Drobka

The TR-8.19 Chair (Jerry Drobka) reported that TR-8.19 did hold a quorum meeting during the week and that there was approval to open a project for a revision of TIA-102.BACA-C.

19. TR-8.21 Intrinsic Safety – Lambrou

The TR-8.21 Chair (John Lambrou) reported that TR-8.21 did hold a quorum meeting during the week and that a revision of ANSI/TIA-4950-A “Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III, Division 1, Hazardous (Classified) Locations” was approved for publication.

20. TR-8.25 Compliance Assessment – Holthaus

The TR-8.25 Chair (Jim Holthaus) reported that TR-8.25 did hold a quorum meeting during the week and that there was approval to open a project for creation of an addendum to CABC-C Trunking Interoperability Tests. Jim also reported that there was approval to send the draft addendum to ballot.

21. New Business

Jim Downes noted a request for TIA to add information to the face to face meeting notices advising participants to bring a wifi capable computer for downloading documents.

22. Review of New Assignments

The TR-8 Chair noted an action item for the author of the PAM Tool Schema document to provide a draft revision and combined comment matrix with author responses.

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

The TR-8 Chair will provide the Steering Committee with 2 documents that were approved for publication during the week so that they may consider adding these to the P25 suite of Standards.



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23. Schedule Next Meeting

Victoria Mitchell reported that face to face meetings will be held June 9-11, 2020 in Memphis.

There were suggestions for holding a face to face meeting in October, 2020 in Boise, Indianapolis, Nashville or Huntsville, AL.

There were suggestions for holding a face to face meeting in the late January or early February 2021 in the Phoenix area, San Diego or Florida.

24. Adjourn

Dwight Smith made a motion to adjourn and Tim Woodward seconded the motion. The meeting was adjourned at 12:02 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

	Company	Wednesday, 5 February
1.	APCO International – Chris Wilson	✓
2.	APCO International – John Mistro	
3.	Bird Technologies – Amy Sanvido	✓
4.	Bird Technologies – Tim O’Brien	✓
5.	BK Technologies – Jim Holthaus	✓
6.	Booz Allen Hamilton – Brian Heitman	✓
7.	Booz Allen Hamilton – Britany Higdon	✓
8.	Compliance Testing, LLC – Chris Lougee	✓
9.	CSI Telecommunications, Inc – Bernie Olson	✓
10.	CSI Telecommunications, Inc. – Tom Rubinstein	✓
11.	DHS – April O’Reilly	✓
12.	DHS – Jim Downes	✓
13.	DHS – Joshua Black	✓
14.	Digital Voice Systems, Inc. – John Hardwick	
15.	EF Johnson Technologies – Dwight Smith	✓
16.	EF Johnson Technologies – Josh Johnson	✓
17.	Etherstack – Doug Chapman	✓
18.	FBI – Allan Massie	✓



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	Company	Wednesday, 5 February
19.	FirstNet – Mike Dolan	
20.	Grundy County 911 – Chris Kinderspire	✓
21.	Icom America – Masaaki Takahashi	✓
22.	Intertalk Critical Information Systems – Glenn Shirley	✓
23.	Iowa Statewide Interoperable Communications System Board – Chris Maiers	✓
24.	Iowa Statewide Interoperable Communications System Board – Tom Lampe	✓
25.	JVC Kenwood – Angelina Seay	✓
26.	L3 Harris Technologies – Harry Reves	✓
27.	L3 Harris Technologies – Mac Hartless	✓
28.	L3 Harris Technologies – Paul McCarty	✓
29.	Motorola Solutions – Andy Davis	✓
30.	Motorola Solutions – Jerry Drobka	✓
31.	Motorola Solutions – Jim Eastwood	✓
32.	Motorola Solutions – John Lambrou	✓
33.	Motorola Solutions – Sam Makhlof	✓
34.	Motorola Solutions – Tim Woodward	✓
35.	Project 25 Technology Interest Group (PTIG) – Stephen Nichols	✓
36.	SoftWright LLC – Todd Summers	✓
37.	State of CA – John Lemmon	✓
38.	State of CT – Scott Wright	✓
39.	State of SC – George Crouch	✓
40.	TX DPS – Christie Bielby	✓
41.	UL – David Malohn	
42.	University of Melbourne Australia – Geoff Spring	✓
43.	US Coast Guard – James Middleton	✓
44.	US Coast Guard – Sonia Kendall	✓
45.	US Dept. of Interior – Brandon Diemer	✓
46.	Viavi Solutions - Chad McAsey	✓
47.	Zetron – Randy Richmond	✓