Approved by General Counsel

TR-8 Meeting Report

Date(s): 02/05/2014 - 02/05/2014

Location: Phoenix, Arizona

Approved: 02/18/2014

TR-8 Mobile and Personal Private Radio Standards
__Meeting Report__

PRESIDING: John Oblak, Chairman

DATE: February 5, 2014

LOCATION: Phoenix, AZ

1. Call to Order
   The meeting was called to order at 11:02 A.M.

2. Record of Attendance
   Attendance was taken electronically. A list of attendees is attached. As a result of a roll call, a quorum was determined to be present.

3. Approval of Agenda
   Jackson Chan made a motion to approve the agenda. John Lambrou seconded the motion. The agenda was approved unanimously.

4. Approve Previous Meeting Notes
   The report from the October 9, 2013 meeting in National Harbor, MD was distributed. John Lambrou made a motion to approve the meeting report. Alan Wilson seconded the motion, which passed unanimously.

5. Identify Intellectual Property Rights
   The chair read the TIA IPR statement, as found in the Engineering Manual. The chair asked if anyone wanted to disclose patents that are essential for any standards discussed in TR-8. None was disclosed.

6. Review Status of Old Assignments
   There were no old assignments from the previous meeting.

7. TR-8.1 Measurement Procedures – John Oblak
   TIA-PN-102.CCAA-A (To revise TIA-102.CCAA, TDMA Transceiver Measurement Methods)
   The document is in ballot as an ANSI document. A teleconference call is planned for a decision to publish the document.

   Discussions in TR-8.1 and TR-8.6 showed a consensus to merge the two subcommittees. After discussion, there was consensus in TR-8 to merge the subcommittees. An organizational meeting will be held during the next round of meetings to formulate a merged scope statement.

8. TR-8.3 Encryption – Tom Senese

TIA-PN-102.AACA-A (to revise TIA-102.AACA, OTAR Protocol and Procedures Description)
The document is in drafting.

3-0130-RV1 (to revise TIA-102.AACD, Key Fill Interface)
The document is in drafting.

TIA-PN-102.AAAB-A-1 (To create an addendum for TIA-102.AAAB-A, Security Services Overview)
The project was opened and the document was approved for ballot.

David Vander Staay has retired from Thales. Leadership elections will be held at the next round of meetings.

9. TR-8.4 Vocoder – Alan Wilson
TIA-PN-102.BAHA (to create TIA-102.BAHA, Experiment 1 Test Plan and Results)
This document is in drafting. The chairman is requesting a volunteer as editor.

ANSI/TIA-PN-102.BABA-A (to upgrade ANSI/TIA-102.BABA, Vocoder Description)
The document was approved for publication.

ANSI/TIA-PN-102.BABB (to reaffirm TIA-102.BABB, Vocoder Mean Opinion Score)
The document was approved for reaffirmation as a TIA only standard.

10. TR-8.5 Data – Jim Eastwood
SP-3-4632-RV2 (to update TIA-102.BAEB-A, IP Data Bearer Service Specification)
Drafting work continued on this document.

TIA-PN-102.BAEF (to create TIA-102.BAEF, Packed Data Host Network Interface)
This document was published November 2013.

ANSI/TIA-PN-BAJB-A (to revise TIA-102.BAJB, Tier 1 Location Services)
This document is in drafting.

ANSI/TIA-PN-BAJC-A (to revise TIA-102.BAJC, Tier 2 Location Services)
This document is in drafting.

11. TR-8.6 Transceiver Performance – John Oblak reporting for Terry Mansfield
ANSI/TIA-PN-102.CCAB-A (to update TIA-102.CCAB, Two-Slot TDMA Transceiver Performance Recommendations)
This document was approved for publication as an ANSI document.

Terry Mansfield has retired from Motorola Solutions. There was consensus to merge TR-8.1 and TR-8.6, as reported above.

12. TR-8.8 Broadband Data Systems – Alan Wilson
TIA-PN-4973.201 (to develop TIA-4973.201, Mission Critical PTT Requirements)
The document was published January 2014.

TSB-PN-4973.202 (to develop TSB-4973.202, PTT Use Cases)
The document is in the drafting phase.

In addition, the joint project with ATIS to define PTT interoperability between P25 and LTE is progressing.

13. TR-8.10 Trunking and Conventional Control – John Lambrou
TIA-PN-102.AABD-A-3 (to develop addendum 3 for TIA-102.AABD-A, Trunking Procedures)
This document is in the drafting process.

TIA-PN-102.AABC-C-2 (to develop addendum 2 for TIA-102.AABC-C, Trunking Control Channel Messages)
This document is in the drafting process.

TIA-PN-102.AABF-C-2 (to develop addendum 2 for TIA-102.AABF-C, Link Control Words)
This document is in the drafting process.

TIA-PN-102.AABC-D (to revise TIA-102AABC-C, Trunking Control Channel Messages)
The document is in the drafting phase.

TIA-PN-AABD-B (to revise TIA-102.AABD-A, Trunking Procedures)
The document is in the drafting phase.

TIA-PN-102.AABF-D (to revise TIA-102.AABF, Link Control Words)
The document is in the drafting phase.

TIA-PN-102.CAED (to create TIA-102.CAED, Conformance Profiles for Advanced Trunking)
The document was published in November 2013.

14. TR-8.11 Antennas – Tim O'Brien
PN-3-0167-RV2 (to revise TIA-156-A for Signal Boosters)
This document is in the drafting stage.

TIA-PN-179-1 (to publish addendum 1 to TIA-179, Radiowave Propagation Path Loss)
This document was published in November 2013.

TIA-PN329.3-1 (to publish addendum 1 for TIA-329.3, Integral Antennas)
The document was published October 2013.

15. TR-8.12 2-Slot TDMA – Alan Wilson
TIA-PN-102.BBAC-A (to revise TIA-102.BBAC, Two-Slot TDMA MAC Layer)
This document is in the drafting phase.

16. TR-8.15 Common Air Interface – Jim Eastwood
TIA-PN-102.BAAD-B (to update TIA-102.BBAD-A, Conventional Procedures)
This document is in the drafting process.

17. TR-8.17 RF Exposure – Bob Speidel
No meetings were held in this series. Bob Speidel has retired from Harris. A meeting will be convened to elect a chair and a vice chair.

18. TR-8.18 Wireless Systems Interference and Coverage – Bob Shapiro reporting
PN-TSB-88.3-D (to revise TSB-88.3-C)
The document was published in October 2013.

PN-TSB-88.1-D-1 (to add an addendum to TSB-88.1-D)
The document was approved for publication.

19. TR-8.19 Wireline Systems Interface – Jerry Drobka
TIA-PN-102.BACA-B-2 (to add Addendum 2 to TIA-102.BACA-B, ISSI Messages and Procedures for Trunked Voice Operation)
This document is in the drafting stage.

20. TR-8.21 Intrinsic Safety – John Lambrou
ANSI/TIA-PN-4950-A (to develop revision A for TIA-4950, Requirements for Battery Powered Equipment for Hazardous Environments)
The document was approved for ballot.

21. TR-8.25 Compliance Assessment – Jim Holthaus
No meetings were held during this round of meetings. The subcommittee is in need of a vice chair.

22. New Business
John Powell gave a report on a white paper on emerging digital technologies and interoperability. He solicited input from the manufacturers.

John Oblak gave a report on the NFPA 1802 project for portable radios used in fireground applications. NFPA has asked TIA for help in developing a standard

for use of a Project 25 message as a preamble in an analog voice system used in fireground applications. The committee expressed consensus in taking on the project, but requested that additional definition be given by NFPA.

Awards were given by TIA to three participants for meritorious service. Awards were given to Debra Brown, David Vander Staay, and Terry Mansfield.

Daniel Devasirvatham gave a report on Idaho National Laboratory and the lab's capabilities.

23. Review of New Assignments
- John Oblak to convene a joint TR-8.1 and TR-8.6 for the purpose of merging the two subcommittees.
- John Oblak to schedule a TR-8.17 meeting for the purpose of electing a chair.
- John Oblak to communicate to NFPA on the decision to take on a project to develop a P25 Number Identification for an analog voice channel and request user definition.

24. Schedule Next Meeting
It was decided that with the current work load, and the success of telephonic meetings, that we would only need three meetings in 2014. The next meeting is planned for May 20-22, 2014 in Charlotte, NC. Other meetings are as follows:

- October 21-23 – Location to be determined

25. Adjourn
Jim Downes made a motion to adjourn. Harrison Reves seconded the motion. The motion passed. The meeting was adjourned at 12:22 P.M.

This meeting was conducted in accordance with the TIA legal guides and manual of organization and procedure. The electronic attendance roster is recorded in the TIA data base.

John Oblak
TR-8 Chairman

Attendance TR-8   **February 5, 2014**   **Phoenix, AZ**

Name	Organization
Lyndon Zielke	Aeroflex
Mike Cooley	Avtec, Inc.
Pascal Laffitte	Cassidian Communications
Gerard Marque-Pucheu	Cassidian Communications
Roy McClellan	Cassidian Communications
Jackson Chan	Cassidian Communications
Mark Gonsalves	Cisco Systems, Inc.
Larry Metzger	Cisco Systems, Inc.
Victor Veenstra	Cisco Systems, Inc.
Dale Reitsma	Codan Communications
John Oblak	E.F. Johnson
Doug Chapman	Etherstack
Nick Wilson	Etherstack
Richard Massie	FBI
Bill Janky	Harris Corporation
Harrison Reves	Harris Corporation
Alan Wilson	Harris
Jim Smith	Icom America
Masaaki Takahashi	Icom America
Daniel Devasirvatham	Idaho National Laboratory
Taichi Majima	Kenwood USA
Lanny Sellers	Midland Radio Corp.
Mike Baker	Motorola Solutions, Inc.
Andy Davis	Motorola Solutions, Inc.
Jerry Drobka	Motorola Solutions, Inc.
Jim Eastwood	Motorola Solutions, Inc.
Robert Fredericks	Motorola Solutions, Inc.
John Lambrou	Motorola Solutions, Inc.
Dominic Lazara	Motorola Solutions, Inc.
Tom Senese	Motorola Solutions, Inc.
Chris Wilson	Motorola Solutions, Inc.
Tim Woodward	Motorola Solutions, Inc.
Jin Xiaowei	Motorola Solutions, Inc.
John Powell	Project 25
Robert Shapiro	Shapiro Consulting Services
George Crouch	State of South Carolina
Kenneth Brown	Technisonic Industries Ltd.
Paul Gilbert	Texas Dept. of Transportation
Marianna Kramarikova	TIA
Vernon Mann	US Coast Guard
Jim Blocker	US Dept. of Homeland Security OEC
James Downes	US Dept. of Homeland Security OEC
Brandon Diemer	US Dept. of Interior

Julio Laguardia   US Dept. of Justice
Robert Zittle   US Marine Corps
Randy Richmond   Zetron