



**TELECOMMUNICATIONS  
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## **Approved by General Counsel**

TR-8 Meeting Report

Date: 01/27/11

Location: Mesa, AZ

Approved: 02/04/11

**TELECOMMUNICATIONS INDUSTRY ASSOCIATION**  
Meeting Report  
TR-8 Mobile and Personal Private Radio Standards Committee

PRESIDING: John Oblak, Chairman

DATE: January 27, 2011

LOCATION: Mesa, AZ

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1. Call to Order

The meeting was called to order at 8:08 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

Jim Eastwood made a motion to approve the agenda. Jackson Chan seconded the motion. The agenda was approved.

4. Approve Previous Meeting Notes

The report from the October 21, 2010 meeting in Charleston, SC was distributed. Jim Eastwood made a motion to approve the meeting report. Tess Zagaruyka seconded the motion. The motion passed.

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

- John Oblak to draft a progress chart for TDMA standards. This work is ongoing.
- John Lambrou will schedule a teleconference to resolve comments on TSB-102-B. This work is ongoing.
- John Oblak/Alan Wilson to contact Victoria Mitchell regarding TIA publication status completeness. This work has been done.
- John Oblak to explore electronic rosters for the Steering Committee and UNS. TIA has refused to supply rosters for the User Needs and Steering Committees.
- John Oblak to explore the use of “Go to Meeting” for teleconferences. This remains to be done.

7. TR-8.1 Measurement Procedures – John Oblak

PN-3-0087 (to develop TIA-102.CBAA, Two-Slot TDMA Method of Measurements)

The document has been approved for ballot..

8. TR-8.3 Encryption – David Vander Staay

SP-3-4824-RV1 (to revise TIA-102.AACA, OTAR Protocol and Procedures Description)

The document is in drafting.

SP-3-0130-AD1 (to add an addendum for TIA-102.AACD, key Fill for Link Layer Authentication)

The document is in drafting.

3-4912-RV1-AF1 (to reaffirm TIA-102.AAAB-A, Security Services Overview)

The document was approved for publication.

3-0130-RV1 (to revise TIA-102.AACD, Key Fill Interface)

The document is in drafting.

3-0206-RV1 (to revise TIA-102.AACE, Link Layer Authentication)

The document was approved for ballot.

3-0429 (to create TIA-102.BAKA, KMF to KMF Interface)

The document is in drafting.

9. TR-8.4 Vocoder – Rich Frye

No new business was brought up.

10. TR-8.5 Data – Jim Eastwood

SP-3-4632-RV2 (to update TIA-102.BAEB-A)

Drafting work continued on this document.

SP-3-4633-RV2 (to revise TIA-102.BAEA-A, Packet Data Overview)

Drafting work is continuing on the document.

11. TR-8.6 Transceiver Performance – Terry Mansfield

PN-3-0381 (to develop TSB-102.CCAB, Equipment Performance, 2-slot TDMA)

Drafting work is continuing on this document.

12. TR-8.8 Broadband Data Systems – John Gough

The subcommittee is currently inactive.

13. TR-8.10 Trunking and Conventional Control – John Lambrou

SP-3-4661-RV3-AD1 (To add an addendum to TIA-102.AABC-C, Trunking Control Channel Messages)

The document was approved for publication.

SP-3-3629-RV1-AD1 (To add an addendum to TIA-102AABD-A-1, Trunking Procedures)

The document was approved for publication.

SP-3-3603-RV3 (To upgrade TIA-102AABF-B, Link Control Words and Formats)

The document was approved for publication.

3-3070-RV2 (to upgrade TIA-102.AABA, Trunking Overview)

The document was approved for ballot.

3-4623-RV2 (to upgrade TIA-102.AABB-A, Trunking Control Channel Formats)

The document was approved for ballot.

14. TR-8.11 Antennas – Tom Rubinstein

PN-3-0255 (to develop TSB-171, Antenna Gain – Mobile versus Base Station)

The document was published in December 2010.

PN-3-0292 (to develop TSB-180 for Signal Booster Systems)

The document is in the drafting stage.

PN-3-0167-RV2 (to revise TIA-156-A for Signal Boosters)

This document is in the drafting stage.

SP-3-4606.3 (to develop TIA-329.3, Portable Antennas)

The document has been approved for re-ballot.

PN-3-4544-RV3 (to upgrade TIA-804-B, Standard Format for Digitized Antenna Pattern)

The document is in the drafting phase.

15. TR-8.12 2-Slot TDMA – Alan Wilson

PN-3-0380 (to develop TIA-102.BBAC, Two-Slot TDMA MAC)

The document was published in December 2010.

PN-3-0424 (to develop TIA-102.BCAE, Two-Slot TDMA Messages and Procedures Conformance Specification)

The document was approved for ballot.

16. TR-8.15 Common Air Interface – Jim Eastwood

SP-3-4626-RV3 (to revise TIA-102.BAAC-B, CAI Reserve Values)

The document has been approved for publication.

SP-3-4080-RF1 (to reaffirm TIA-102.BAAA-A, Common Air Interface)

The document has been approved for publication.

17. TR-8.17 RF Exposure – Bob Speidel  
PN-3-0403 (to develop TSB-1195, SAR Test Reduction)  
Drafting work began on this document.
18. TR-8.18 Wireless Systems Interference and Coverage – Tom Rubinstein  
PN-3-4744.1-RV4 (to update TSB-88.1-C)  
The document is in the drafting process.
- PN-3-4820-RV2 (to update TIA-845-B, Radiowave Propagation Path Loss)  
The document was published in December 2010.
- PN-3-4744.2-RV4 (to update TSB-88.2-C)  
Work on this project is in the drafting stage.
19. TR-8.19 Wireline Systems Interface – Jerry Drobka  
PN-3-3796-RV1-AD3 (to develop Addendum 3 for TIA-102.BACA-A, Errata)  
The document is in drafting.
- PN-3-4624-RV1 (to upgrade TIA-102.BADA, Telephone Interconnect Requirements and Definitions)  
This document is in drafting.
- PN-3-3797-RV2 (to upgrade TIA-102.BACC-A, ISSI Overview)  
This document is in the drafting phase.
20. TR-8.25 Compliance Assessment – Tess Zagaruyka  
PN-3-0150-RV2 (to upgrade TIA-102.CABC-A, Interoperability Testing for Trunked Voice)  
This document was approved for publication.
- PN-3-0388 (to develop TIA-102.CBAA, P25 CAP Overview)  
This document was approved for publication.
21. TR-8 Documents  
Comment resolution on TIA-102.B continues in the Systems Task Group. A decision to publish will be considered at the next TR-8 meeting.
22. New Business  
The issue off creating a new TR-8 subcommittee to deal with issues relating to intrinsic safety equipment was discussed. Larry Nyberg introduced two presentations on the topic. Larry Nyberg made the motion to create a subcommittee to handle such matters. Bob Speidel seconded the motion. The motion passed. The subcommittee was designated TR-8.21. Larry Nyberg was appointed as convener.
- A document form TR-8.50 was provided for comment. This describes a

collaborative standards process using wiki techniques to streamline the standards drafting process.

Daniel Devasirvatham described work that is going on within the SDR forum relating to satellite and hybrid architectures using satellite and LMR.

Randy Richmond brought up possible collaborative efforts with the DHS VoIP working group.

#### 23. Review of New Assignments

- John Oblak to draft a progress chart for standards.
- John Lambrou will schedule a teleconference to resolve comments on TSB-102-B.
- John Oblak to explore the use of “Go to Meeting” for teleconferences.

#### 24. Schedule Next Meeting

The next series of meetings is scheduled for the week starting Monday, April 4, 2011. The targeted venue is in Seattle, WA. The following schedule was agreed upon for subsequent meetings.

- August 2, 2011                      Philadelphia, PA
- October 17, 2011                    Charleston, SC
- January 23, 2012                    Mesa, AZ

#### 25. Adjourn

Larry Nyberg made a motion to adjourn. Bob Speidel seconded. The motion passed. The meeting was adjourned at 9:16 A.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

<b>Name</b>	<b>Organization</b>
John Powell	APCO P25
Dale Reitsma	Daniels Electronics
Jim Blocker	Federal Engineering DHS/FPIC
James Downes	DHS/FPIC
Jim Denney	Douglas County, Kansas
John Oblak	E.F. Johnson
Jackson Chan	EADS
Pascal Laffitte	EADS
Gerard Marque-Pucheu	EADS
Roy McClellan	EADS
Doug Chapman	Etherstack
Glenn Shirley	Etherstack
Rich Frye	Frye-Comm Consulting
Thomas Benedett	Harris
Richard Dash	Harris
Bill Janky	Harris
Hal Peterson	Harris
Harrison Reves	Harris
Robert Speidel	Harris
Alan Wilson	Harris
Chris Lougee	Icom America
Jim Smith	Icom America
Masaaki Takahashi	Icom America
Joel Berger	Kenwood USA
Masaaki Hishida	Kenwood USA
Debra Brown	Motorola Solutions
Andy Davis	Motorola Solutions
Jim Eastwood	Motorola Solutions
John Lambrou	Motorola Solutions
Larry Nyberg	Motorola Solutions
Tom Rubinstein	Motorola Solutions
Chris Wilson	Motorola Solutions
Tim Woodward	Motorola Solutions
Kevin McGinnis	National Association of State EMS Officials
Clark Tompsett	New Mexico State Police
DJ Atkinson	NIST/OLES
Randy Bloomfield	NIST/OLES
Robert Schlieman	P25 Steering Committee
Michael Beck	Raytheon
Jim Holthaus	RELM
Daniel Devasirvatham	SAIC
Kenneth Link	State of New Jersey
Thomas Bretthauer	State of Ohio

George Crouch  
Bruce Meyers  
Paul Middleton  
Kenneth Brown  
Paul Gilbert  
Stewart Potter  
David Vander Staay  
Tim O'Brien  
Julio Laguardia  
Randy Richmond

State of South Carolina  
State of Florida  
Tait  
Technisonic Industries Ltd  
Texas Dept. of Transportation  
Thales Communications  
Thales Communications  
TX RX Systems  
US Dept of Justice  
Zetron