



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

TR-8 Meeting Report

Date: 08/05/11

Location: Philadelphia, PA

Approved: 08/16/11

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

PRESIDING: John Oblak, Chairman

DATE: August 5, 2011

LOCATION: Philadelphia, PA

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1. Call to Order

The meeting was called to order at 8:03 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. Roy McClellan seconded the motion. The agenda was approved.

4. Approve Previous Meeting Notes

The report from the April 7, 2011 meeting in Seattle, WA was distributed. Jerry Drobka 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 to explore the use of “Go to Meeting” for teleconferences. This work is ongoing.

7. TR-8.1 Measurement Procedures – John Oblak

PN-4949 (to develop TIA-102.CBAA, Two-Slot TDMA Method of Measurements)

The document was approved for publication.

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 was published in April 2011.

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 published in April 2011.

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)

The document was approved for publication

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 published in April 2011.

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

The document was published in April 2011.

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

The document was published in March 2011.

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

The document was published in April 2011.

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

The document was published July 2011.

14. TR-8.11 Antennas – Tim O’Brien

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.

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

The document was approved for ballot.

Tim O’Brien stated that the subcommittee would monitor the FCC action in regards to signal boosters.

15. TR-8.12 2-Slot TDMA – Alan Wilson

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

The document was published in June 2011.

PN-3-0423 (to develop TIA-102.BCAD, TDMA CAI Conformance)

The document was approved for publication.

16. TR-8.15 Common Air Interface – Jim Eastwood

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

The document was published April 2011.

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-3-4744.2-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 was published July 2011.

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 was approved for ballot.

PN-102.BACD-B (to upgrade TIA-102.BACD-A, Supplementary Data Messages and Procedures)  
This document was published July 2011.

PN-102.CACC-1 (to add addendum to TIA-102.CACC, ISSI Conformance Test)  
The document was approved for publication.

20. TR-8.21 Intrinsic Safety – Larry Nyberg

Brian Martens reported that the subcommittee agreed to request TIA to obtain IPR rights from UL for standard UL-913-5. This would be used as the baseline for a TIA standard, either referring to the UL document or incorporating the test of the document into the TIA draft.

21. TR-8.25 Compliance Assessment – Tess Zagaruyka

PN-102.CABC-B-1 (to add addendum 1 to TIA-102.CABC-B, Interoperability Testing for Trunked Voice)  
This document was published July 2011.

PN-3-0388 (to develop TIA-102.CBAA, P25 CAP Overview)  
This document was approved for publication.

PN-102.CBBJ-B (to upgrade TSB-102.CBBJ-A, Recommended Compliance Assessment Tests, Trunking Interoperability)  
This document was approved for publication.

PN-102.CBBE (to develop TSB-102.CBBE, Recommended Compliance Assessment Tests Conventional Operation)  
This document was approved for publication.

22. TR-8 Documents

As a result of numerous comments received on the draft of TIA-102-B, it was decided to redraft the document and reconsider it as a TSB. The resulting draft was submitted for comment, with the comment period extended to September 7, 2011. John Lambrou agreed to provide either a change summary or a change marked draft.

### 23. New Business

John Oblak brought up the request of TIA staff to hold committee meetings during the TIA annual event in Dallas, TX around the week of June 5-7, 2012. There was general consensus that this would not fit into our quarterly schedule.

Alan Wilson presented his proposal to summarize document publication status using web based abstract and summary pages for each published and working document. He encouraged all chairmen to review the proposal and comment. It was generally felt that this is a good idea. John Oblak will explore this with TIA staff.

Roy McClellan made a recommendation to provide yearly releases of the Project 25 suite of standards in order to provide version tracking to the standards. John Oblak agreed to review this with TIA staff. Roy McClellan agreed to bring this up with The P25 Steering Committee.

### 24. 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.
- John Lambrou will provide a change summary for TSB-102-B.
- John Oblak to explore with TIA staff the proposal for web based document status and abstract publication.
- John Oblak to explore with TIA staff a yearly P25 document suite release.
- Roy McClellan to explore with the P25 Steering Committee an annual release of the document suite.

### 25. Schedule Next Meeting

The next series of meetings is scheduled for the week starting Tuesday, October 18, 2011. The venue is Charleston, SC. The following schedule was agreed upon for subsequent meetings.

- January 24-27, 2012      Mesa, AZ
- April 2012              Targets include St. Louis, Dallas, Kansas City
- August 15-18, 2012      Minneapolis, MN
- October 2012             Targets include Philadelphia, Dallas, Charlotte

### 26. Adjourn

Tess Zagaruyka made a motion to adjourn. Jim Eastwood seconded. The motion passed. The meeting was adjourned at 10:30 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>
Michael Saben	AECOM
Lyndon Zielke	Aeroflex
Mike Cooley	Avtec, Inc.
Jackson Chan	Cassidian Communications
Pascal Laffitte	Cassidian Communications
Gerard Marque-Pucheu	Cassidian Communications
Roy McClellan	Cassidian Communications
Paul Roberts	City of Boise Fire Department
Dale Reitsma	Daniels Electronics
Tess Zagaruyka	Datron World Communications
Stan Causey	DEA
James Downes	DHS/FPIC
Jim Denney	Douglas County, Kansas
John Oblak	E.F. Johnson
Doug Chapman	Etherstack
Richard Massie	FBI
Rich Frye	Frye-Comm Consulting
Thomas Benedett	Harris
Jeremy Elder	Harris
Bill Janky	Harris
Brian Martens	Harris
Hal Peterson	Harris
Harrison Reves	Harris
Robert Speidel	Harris
Alan Wilson	Harris
Chris Lougee	Icom America
Masaaki Takahashi	Icom America
Debra Brown	Motorola Solutions
Jerry Drobka	Motorola Solutions
Jim Eastwood	Motorola Solutions
John Lambrou	Motorola Solutions
Tim Woodward	Motorola Solutions
Kevin McGinnis	National Association of State EMS Officials
Clark Tompsett	New Mexico State Police
Randy Bloomfield	NIST/OLES
Bob Schlieman	Project 25 Steering Committee
Michael Beck	Raytheon
Jim Holthaus	RELM
Robert Shapiro	Robert Shapiro, PE
Harry Suszko	Rockwell Collins
Bruce Meyers	State of Florida
Scott Bradford	State of Montana
Ken Link	State of New Jersey

George Crouch  
Rex Nisbet  
Ken Brown  
Paul Gilbert  
David Vander Staay  
Tim O'Brien  
Alvin Dalmida  
Craig Gandee

State of South Carolina  
Tait Radio Communications  
Technisonic  
Texas Dept. of Transportation  
Thales Communications  
TX RX Systems  
US Coast Guard  
US Army PD LMR