



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-8 Meeting Report

Date: 01/14/04

Location: Mesa, AZ

Approved: 01/27/04

**T# 7742**

2500 Wilson Boulevard  
Suite 300  
Arlington, VA 22201-3834  
USA

+1.703.907.7700  
FAX +1.703.907.7727

[www.tiaonline.org](http://www.tiaonline.org)

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

PRESIDING: John Oblak, Chairman

DATE: January 14, 2004

LOCATION: Mesa, AZ

---

1. Call to Order

The meeting was called to order at 12:35 P.M.

2. Record of Attendance

Attendance rosters were circulated. A list of attendees is attached. The attendance rosters have been forwarded to TIA. A quorum was determined to be present.

3. Approval of Agenda

Harrison Reves moved to approve the agenda. John DiSalvo seconded. The motion passed.

4. Approve Previous Meeting Notes

The meeting report from the October 15, 2003 meeting in Portland, OR was distributed. Dominick Arcuri made a motion to approve the meeting report. Harrison Reves seconded the motion. The motion passed.

5. Identify Intellectual Property Rights

The chair explained that the TIA patent policy as given in the Engineering Manual. The chair asked if anyone wanted to disclose patents that are essential for any standards discussed in TR-8. No patents were disclosed.

6. Review Status of Old Assignments

- A committee will make recommendations for future teleconference call-in participation in TR-8 committee and subcommittee meetings. This work is ongoing.
- John Oblak to notify the TIA Standards Secretariat of ballot registration problems with TR-8.15 ballot summaries. This was done.
- John Oblak to forward comments from the TR-8.17 working group to the Section for possible inclusion in a TIA submission to the FCC on the issue of MPE. This work was done.
- John Oblak to suggest to the TIA Standards Secretariat that a template be created to assist editors in creating documents to the Style Manual. This was done.
- John Oblak to notify TIA of the reaffirmation of TSB-69. This was done.

- John Oblak to report to the TSSC on discussion items regarding the image of TIA as an SDO. This was done.

7. TR-8.1 Measurement Procedures – John Oblak.

SP-3-4231-RV3 (to revise TIA-603-B to add the latest FCC changes)

The document was approved for ballot as an ANSI standard.

SP-3-4232-RV2 (to revise TIA-102.CAAA-A to add the latest FCC changes)

The version of the document that includes the FCC changes for receiver power line conducted spurious was approved for ballot. Additional inputs for TDMA methods of measurement were submitted for a future version.

PN-3-0087 (to develop TIA-905.CAAA, Two-Slot TDMA Method of Measurements)

Documents were distributed for comment. The major work is continuing in the TDMA task group.

A new paper was submitted for a method of measurements for IOTA modulation for wideband data.

8. TR-8.3 Encryption – Richard Brockway

PN-3-0130 (to develop TIA-102.AACD, Key Fill Device)

Ballot comment resolution has been completed, and the document has been approved for publication.

9. TR-8.4 Vocoder – Jim Holthaus

TIA-102.BABA has been re-issued as an ANSI Standard.

It was announced that Jim Holthaus will not be available to run for re-election as chairman. Nominations for chairman and vice-chairman are being sought.

10. TR-8.5 Data – Jeff Anderson

PN-3-0119 (to develop TIA-902.AAAB, Wideband Data Text Messaging)

The document is being drafted.

SP-3-4633-RV1 (to revise TIA-102.BAAB, Data Overview)

The document has been approved for publication.

SP-3-4632-RV1 (to update TIA-102.BAEB, Packet Data Specification)

As a result of re-ballot comment resolution the document was approved for publication.

SP-3-4631-RV1 (to update TIA-102.BAEE, Radio Management Protocol)

The document was approved for publication.

A new project was opened to develop a Wideband Data System Security Services Overview. The document was approved for ballot.

A wideband Data Air Interface Overview is being drafted.

11. TR-8.6 Transceiver Performance – Al Wieczorek

PN-3-4924 (to develop TSB-127, Equipment Performance, 2-slot TDMA)

Drafting work is continuing on this document.

SP-3-4231-RV3 (to revise TIA-603-B to add the latest FCC changes)

The document was approved for ballot..

SP-3-4613-RV2 (to revise TIA-102.CAAB-A, Performance Recommendations)

The document was approved for ballot..

A new project was opened to create a Wideband Performance Recommendations document for IOTA modulation.

Al Wieczorek resigned as chairman of TR-8.6. Terry Mansfield was elected as the new chairman.

12. TR-8.7 SDR

It was announced that Joe Bartelme will not be available to chair the committee. John Oblak will convene the next meeting to elect a chairman.

13. TR-8.10 Trunking and Conventional Control – Jim Holthaus

SP-3-3629-URV-1 (to update Trunking Procedures TSB-102.AABD to an ANSI Standard)

Work is continuing on the drafting of this document.

SP-3-3604-URV-1 (to update Conventional Control Messages TSB-102.AABG to an ANSI Standard)

Work is continuing on the drafting of this document.

SP-3-3603-URV-1 (to update Link Control Words TSB-102.AABF to an ANSI Standard)

Work is continuing on the drafting of this document.

SP-3-3370-URV (to update TIA-102.AABA, Trunking Overview)

The document was approved for ballot.

SP-3-4661-RV1 (to update TIA-102.AABC, Trunking Control Channel Messages)

The document was approved for publication.

SP-3-4623-RV1 (to update TIA-102.AABB, Trunking Formats)

The document was approved for ballot.

It was reported that Jim Holthaus will not be available to continue to chair this committee. Nominations for chair and vice chair are being sought.

14. TR-8.11 Antennas – Lou Meyer

Ron Jakubowski reported for the subcommittee.

SP-3-4606 (to develop TIA-2329, Vehicular Antennas)

It is expected that the work will pick up on this project.

PN-3-0084 (to develop TIA-929, Standard Format for Digitized Filter Specifications)

The document was published. An addendum to correct the document was approved for ballot.

The committee has agreed to start work on a document for standards for signal boosters.

A new title and scope statement has been agreed upon for this subcommittee. The new title is Antenna Systems. The scope was expanded to include all antenna system components from the transceiver to the antenna.

15. TR-8.12 2-Slot TDMA – Dominick Arcuri

PN-3-0044 (to develop TIA-905.BAAC, Two-Slot TDMA Common Air Interface Physical Layer)

This document is in the ballot resolution process.

PN-3-0073 (to develop TIA-905.BAAC, Two-Slot TDMA Common Air Interface MAC Layer)

Work is continuing on the drafting of this document, with work being done, primarily, in the TDMA Task Group.

PN-3-0074 (to develop TIA-905.BAAD, Two-Slot TDMA Common Air Interface LLC Layer)

Work is continuing on the drafting of this document in the TDMA Task Group.

16. TR-8.15 Common Air Interface – Alan Wilson

SP-3-4626-RV1 (to revise TIA-102.BAAC, Common Air Reserve Values)

The document has been approved for publication.

SP-3-3124-URV (to update TIA-102.BAAD, CAI Reserve Values to an ANSI Standard)

The document has been approved for publication.

PN-3-3125 (to revise TSB-102.BAAB-A, CAI Conformance Test to a TIA Standard)

The document was approved for publication.

17. TR-8.17 RF Exposure – Bob Speidel

PN-3-0120 (to develop TSB-150, RF Exposure Reporting to meet MPE and SAR)

The document is in the drafting phase.

18. TR-8.18 Wireless Systems Interference and Coverage – Bernie Olson

PN-3-4744 (to develop TSB88-B, Wireless Communications Systems)

Drafting work continues on the document. A new section will be added to document the methods for determining the local median of a signal. New work on delay spread and diversity will be added.

An election of officers was held. The existing officers were re-elected.

19. TR-8.19 Wireline Systems Interface – Jerry Drobka

PN-3-3797-RV1 (to revise TSB-102.BAAC-A, ISSI Overview)

The document was published as a TSB.

20. TR-8 Documents

John Oblak reported that there have been no comments on the Interoperability Test Procedures for Trunking, other than some additions forwarded by the IPPTG. Jim Downes made a motion to ballot the document as a TIA standard, after incorporating the changes from the IPPTG. Bob Schlieman seconded the motion, which passed unanimously.

21. New Business

A discussion was had concerning TR-8 taking on the work of developing standards for broadband data systems for 4.9 GHz. It was noted that NPSTC is developing a Statement of Requirements. Steve Adler made a motion for TR-8 to establish a subcommittee for Broadband Data. The motion was seconded by Dominick Arcuri. The motion passed. Larry Nyberg volunteered to convene the first meeting in order to select officers.

22. Election of Officers

John Oblak reported that a nomination for chairman for John Oblak was received. A nomination for vice-chairman for Alan Wilson was also received. Ron Jakubowski moved to close the nominations. Don Pfohl seconded the motion. The motion passed. Jim Downes moved to elect John Oblak as chairman and Alan Wilson as vice-chairman. Ron Jakubowski second the motion, which passed unanimously.

23. Review of New Assignments

- John Oblak to set up a subcommittee for broadband data. Larry Nyberg will convene the first meeting for election of officers.

- John Oblak to convene TR-8.7 for election of officers.
- Chairmen of even numbered subcommittees to complete election of officers.
- John Oblak to forward the Trunking Interoperability document to ballot as a TIA Standard.

#### 24. Schedule Next Meeting

The next series of meetings is scheduled for the week of March 29 through April 2, 2004, in Dallas, TX. The following schedule was agreed upon for subsequent meetings.

- June 14 – 18, 2004      Boulder, CO
- August 3 – 7, 2004      Montreal
- October 4 – 8, 2004      St. Louis, MO
- January 10 – 14, 2005      Mesa, AZ

#### 25. Adjourn

Jim Downes moved to adjourn. Bill Pomper seconded. The motion passed. The meeting was adjourned at 2:15 P.M.

This meeting was conducted in accordance with the TIA legal guides and manual of organization and procedure. The attendance roster has been filed with the TIA Engineering Department.

---

John Oblak  
TR-8 Chairman

<b>Name</b>	<b>Organization</b>
Rob Barden	Aeroflex
John Powell	APCO International
Craig Jorgensen	APCO International
Sourav Nayak	Booz, Allen, & Hamilton
Jeff Toye	City of Mesa
Neil Horden	Communications Consulting
Robert Small	Daniels Electronics
Irwin Morse	Datron World Comm.
John Oblak	E.F. Johnson
Hubert Azemard	EADS-DSN
Bill Book	EADS-DSN
Arlelie Gaussorgues	EADS-DSN
Gerard Marque-Pucheu	EADS-DSN
Roy McClellan	EADS-DSN
Neville Rego	EADS-DSN
Richard Brockway	Etherstack
Charles Lee	FBI
Harrison Reves	FBI
Jim Smith	Icom America
Masaaki Takahashi	Icom America
Joel Berger	Kenwood
Steve Adler	Motorola
Gordon Graham	Motorola
Mike Bright	Motorola
Alan Wilson	Motorola
Wayne Leland	Motorola
Larry Nyberg	Motorola
Bernie Olson	Motorola
Jerry Drobka	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Manny Kahana	Motorola
Jackson Chan	Nortel Networks
Bill Pomper	NCS
Mona ElHelbawy	ITS
Eldon Haakinson	ITS
T.J. Glidden	JITC
Skip MacKelrath	Midland Radio
Rich Frye	Orbacom Systems
Don Pfohl	Oregon State Police
Dominick Arcuri	RCC Consultants
John DiSalvo	SAIC
Charles Frankston	Smartlink Radio Networks



Chuck Bianchi	Smartlink Radio Networks
Richard Roley	State of Georgia
Robert Schlieman	State of New York
Trevor Laughton	Tait
Robert Furtaw	Tait
Scott Peters	Thales Communications
John Derr	TIA
Mac Hartless	Tyco Electronics
Ernest Hofmeister	Tyco Electronics
Blake Nylund	Tyco Electronics
John Kimmons	Tyco Electronics
Robert Speidel	Tyco Electronics
Richard Taylor	Tyco Electronics
Ronald Jakubowski	TX/RX Systems
Jim Downes	FLEWUG/DHS
William Hughes	Zetron
Randy Richmond	Zetron
Mark Putnam	US Customs
Rick Judson	

Attending by Phone  
Sean O'Hara  
Steve Devine  
Phil Harris