



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-8 Meeting Report

Date: 01/15/03

Location: Mesa, Arizona

Approved: 01/29/03

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

PRESIDING: John Oblak, Chairman

DATE: January 15, 2003

LOCATION: Mesa, AZ

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1. Call to Order

The meeting was called to order at 10:35 A.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. Jeff Anderson seconded. The motion passed.

4. Approve Meeting Notes of October 9, 2002

The meeting report from the October 9, 2002 meeting in Minneapolis, MN was distributed. Bill Pomper made a motion to approve the meeting report. Wayne Leland seconded the motion. The motion passed.

5. Identify Intellectual Property Rights

The chair explained that the TIA patent policy is 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

- Convene a discussion between Motorola and ITS on the OTAR Interoperability document prior to re-balloting. – This has been done.
- A drafting committee will write a letter to the FCC, to be forwarded through the section, on Station Identification for Digital Stations. – This remains an open item.
- John Oblak to draft a letter to Wayne Leland for forwarding on to NPSTC re-affirming the TIA position on the 700 MHz interference paper. – This has been done.
- John Oblak to present status update to NCC on wideband data. – This has been done.

7. TR-8.1 Measurement Procedures – John Oblak.

SP-3-4231-RV1 (to revise TIA-603-A to add 700 MHz)

The document has been published.

SP-3-4232-RV1 (to revise TIA-102.CAAA to add 700 MHz)

The document has been published.

PN-3-0053 (to develop TSB-902.CAAA, Wideband Data Method of Measurements)

The document was balloted. Comment resolution was completed, and the document was approved for publication.

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.

John Oblak was elected as chairman of the subcommittee. Terry Mansfield was elected as vice chairman of the subcommittee.

8. TR-8.3 Encryption – Richard Brockway

SP-3-4910 (to develop TIA-102AACB, OTAR Operational Description)

The document was published.

SP-3-4824-AD1 (to add Block Encryption addendum to TIA-102.AACA, OTAR Protocol)

The document was published.

SP-3-4824-AD2 (to modify the document to add IP based OTAR)

Comment resolution on the document was completed, and the document was approved for publication.

9. TR-8.4 Vocoder – John Oblak reported for Jim Holthaus

The subcommittee is continuing their assessment of new Vocoder technology and evaluation methods.

10. TR-8.5 Data – Jeff Anderson

PN-3-0048 (to develop TIA-902.BBAB, Wideband Air Interface, IOTA Layer 1)

The document has undergone ballot resolution, and has been approved for publication.

PN-3-0089 (to develop TIA-902.BBAD, Wideband Data IOTA CHC)

The document has been approved for ballot.

PN-3-0090 (to develop TIA-902.BBAD, Wideband Data Mobility Management)

The document has been approved for ballot.

A motion was made by Jeff Anderson and seconded by Bob Schlieman to send the wideband data status presentation to the NCC as a status update. The motion was approved.

John Oblak reported that at the last meeting document RS 374-A was rescinded. However, there has been feedback that some of the information in the document should be preserved. Jeff Anderson agreed to forward to TR-8.1 and TR-8.6 those issues that should be preserved in TIA-603.

11. TR-8.6 Transceiver Performance – Al Wiczorek

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

Drafting work is continuing on this document.

SP-3-4231-RV2 (to revise TIA-603-A to add 700 MHz)

The document has been published. A new project is opened for additional modifications.

SP-3-4613-RV2 (to revise for 700 MHz TIA-102.CAAB, Performance Recommendations)

This new project has been opened for additional modifications to the document.

PN-3-0042 (to develop TIA-902.CAAB, Wideband Data Performance Recommendations)

Ballot comment resolution was done. The document was approved for publication.

12. TR-8.10 Trunking and Conventional Control – John Oblak reported for Jim Holthaus

SP-3-4661-AD2 (to add addendum for Multi-Band Trunking to TIA-102.AABC, Trunking Control Channel Messages)

The document was published in December.

SP-3-3603-AD1 (to add addendum for Multi-Band Trunking to TIA-102.AABF, Link Control Words)

The document was approved for publication.

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.

The subcommittee agreed to open projects to revise and upgrade the P25 Link Control document and the Trunking Overview document to ANSI standards.

13. TR-8.11 Antennas – Lou Meyer

A written report was submitted.

PN-3-4543 (to develop TIA-329-C, Base Station Antenna)

Work is continuing on the drafting of this document.

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

It is expected that the work will pick up as the Base Station Antenna document becomes complete.

PN-3-4544-AD1 (to develop TIA-804-1 Addendum))

The document is in the ballot phase.

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

The document is in the drafting phase.

14. 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.

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.

15. TR-8.15 Common Air Interface – Alan Wilson

A project number will be taken out to upgrade TIA-102.BAAA, the Common Air Interface.

16. TR-8.17 RF Exposure – Nick Buris

PN-3-0039 (to develop TSB-133, FCC EME Requirements)

Ballot comments were resolved. The document was approved for publication.

Nick Buris made a motion that John Oblak would draft a letter to Wayne Leland to be forwarded on to the FCC Labs thanking them for their assistance in the project, and informing them of the approval for publication. The motion was seconded by Bob Speidel. The motion passed.

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

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

Three documents have been submitted for incorporation into TSB-88-B. All manufacturers are requested to submit detailed information on modulation

spectrums and receiver characteristics. Wideband data information will also be folded into the document.

18. TR-8.19 Wireline Systems Interface – Jerry Drobka

There was no report given.

19. WG-8.20 International Activities – Al Wiczorek

There was no report given.

20. TR-8 Documents

PN-3-0060 (to formulate TSB-102.CABB, Interoperability Test Procedures, OTAR)

Al Wilson reported that the RTS test is still an unresolved issue, and that the document is not ready for re-ballot. Jim Blocker provided an updated copy of the document in process.

21. New Business

Richard Brockway made a motion to re-affirm TSB-102-A, and to subsequently open a project to revise and up-issue the document. Bob Schlieman seconded the motion. The motion passed.

Wayne Leland made a motion to re-affirm TSB-78. Richard Brockway seconded the motion, which passed.

A discussion was had concerning the use of call-in participation at the meetings. It was concluded that chairmen would add to their agendas a note that if call-in participation is required that it be requested prior to the meeting. In addition, a committee consisting of John Oblak, Roy McClellan, Rex Nesbitt, Jerry Drobka, and Nick Buris will evaluate the possibilities, and report at the next meeting. John Oblak will also explore the willingness of TIA in sponsoring conference bridges.

22. Review of New Assignments

- Continue the discussion between Motorola and ITS on the OTAR Interoperability document prior to re-balloting.
- A drafting committee will write a letter to the FCC, to be forwarded through the section, on Station Identification for Digital Stations.
- John Oblak to present status update to NCC on wideband data.
- Jeff Anderson to forward to TR-8.1 and TR-8.6 an analysis of what information in RS-374-A should be included in TIA-603-C.
- John Oblak to draft a letter to Wayne Leland to be forwarded on to the FCC Labs concerning the publication of TSB-133.
- A committee will make recommendations for future teleconference call-in participation in TR-8 committee and subcommittee meetings.

23. Schedule Next Meeting

The next series of meetings is scheduled for the week of April 1 through April 4, 2003, to be at a yet to be determined location. The following schedule was suggested for the remainder of 2003.

- June 9 – 13 Boulder, CO
- August 5 – 9 Co-located with APCO conference in Indianapolis
- October 6 – 10 Portland OR

#### 24. Adjourn

Bob Schlieman moved to adjourn. Jeff Anderson seconded. The motion passed and the meeting was adjourned at 12:00 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.

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John Oblak  
TR-8 Chairman

<b>Name</b>	<b>Organization</b>
Jim Blocker	Booz, Allen, and Hamilton
Robert DeLauney	Booz, Allen, and Hamilton
Joe Noce	City of Mesa
Jeff Toyne	City of Mesa
Ron Backlund	Daniels Electronics
John Oblak	E. F. Johnson
Hubert Azemard	EADS-DSN
Bill Book	EADS-DSN
Gerard Marque-Pucheu	EADS-DSN
Harrison Reves	FBI
Rob Barden	IFR
Joe Gallelli	Kenwood
Al Wiczorek	Motorola
Mike Bright	Motorola
Alan Wilson	Motorola
Terry Mansfield	Motorola
Wayne Leland	Motorola
Bernie Olson	Motorola
Tom Rubenstein	Motorola
Jerry Drobka	Motorola
Nick Buris	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Rick Judson	Motorola
Debra Brown	Motorola
Gordon Graham	Motorola
Bill Pomper	NCS
Randy Bloomfield	ITS
Eldon Haakinson	US DOC
Jackson Chan	Nortel Networks
Roy McClellan	Nortel Networks
Rich Frye	Orbacom Systems
Don Pfohl	PSWN
Dominick Arcuri	RCC Consultants
Norm Rashleigh	RCMP
Daniel Wojciechowski	SiteSafe
Glenn Nash	State of California
Robert Schlieman	State of New York
Maribel Martinez	State of New York
Rex Nesbitt	Tait
Richard Brockway	Thales Communications
Kyle Short	Tyco Electronics
Bob Speidel	Tyco Electronics



William Hughes

Zetron