



BUILDING GLOBAL COMMUNICATIONS

## Approved by General Counsel

TR-8 Meeting Report

Date: 08/06/02

Location: Nashville, Tennessee

Approved: 08/16/02

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

PRESIDING: John Oblak, Chairman

DATE: August 7, 2002

LOCATION: Nashville, TN

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1. Call to Order

The meeting was called to order at 4:00 P.M.

2. Record of Attendance

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

3. Approval of Agenda

Harrison Reves moved to approve the agenda. Jim Downes seconded. The motion passed unanimously.

4. Approve Meeting Notes of June 12, 2002

Jim Downes moved to approve the meeting notes. Robert Schlieman seconded. The motion passed unanimously.

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 any patents for any documents discussed in TR-8. No patents were disclosed.

6. Review Status of Old Assignments

- Convene a working party to resolve ballot comments by Motorola on the OTAR Interoperability document. This work is in progress.
  
- A drafting committee will write a letter to the FCC, to be forwarded through the section, on Station Identification for Digital Stations. Work on this is open for the next meeting.

7. TR-8.1 Measurement Procedures – John Oblak.

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

The document has been sent to TIA for ballot.

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

The document has been sent to TIA for ballot.

PN-0052 (to develop TSB-102.CAAC, Mobile PTT and Audio Interface)  
Comments from the ballot have been resolved. The document was approved for publication.

PN-0053 (to develop TSB-902.CAAA, Wideband Data Method of Measurements)  
Updates were made to the previous submission.

Work also continued on the two-slot TDMA method of measurements. It was agreed to take out a project number.

8. TR-8.3 Encryption – Richard Brockway

SP-4912 (to develop TIA-102.AAAB, Security Systems Overview)  
This document was published in July.

SP-4910 (to develop TIA-102AACB, OTAR Operational Description)  
The document was updated, and will be sent for a default ballot.

SP-4922 (to develop TIA-102.AACC, OTAR Conformance Test)  
This document was published in July.

SP-4921 (to develop TIA-102.AAAD, Block Encryption Protocol)  
This document was published in July.

SP-4824-AD1 (to add Block Encryption addendum to TIA-102.AACA, OTAR Protocol)  
Ballot comments were resolved, and the document was approved for publication.

SP-4824-AD2 (to modify the document to add IP based OTAR)  
The document is in the process of being drafted.

9. TR-8.4 Vocoder – Jim Holthaus

The subcommittee is assessing new Vocoder technology and evaluation methods. Several submissions were presented.

10. TR-8.5 Data – Jeff Anderson

PN-0048 (to develop TIA-902.BBAB, Wideband Air Interface, IOTA Layer 1)  
The document is undergoing ballot resolution.

SP-4632-AD2 (to add PPP/USB addendum to TIA-102.BAEB, Packet Data)  
The document has been approved for publication.

SP-4633-AD1 (to add PPP/USB addendum to TIA-102.BAEA, Data Overview)  
The document has been approved for publication.

SP-4631-AD1 (to add PPP/USB addendum to TIA-102.BAEE, Radio Control Protocol)

The document has been approved for publication.

PN-0068 (to develop TIA-902.BAAC, Wideband Data MAC/RLA Layer)  
The document has been approved for publication.

PN-0080 (to develop TIA-902.BAAD, Wideband Data SAM Channel Coding)  
The document has undergone ballot comment, and has been approved for publication.

PN-0081 (to develop TIA-902.BAAE, Wideband Data Logic link Control)  
The document has undergone ballot comment resolution, and has been approved for publication.

A new project was approved for Wideband Data IOTA Channel Coding.

A motion was made by Roy McClellan and seconded by Bob Schieman to send the wideband data status presentation to the NCC as a status update. The motion was approved.

11. TR-8.6 Transceiver Performance – Al Wiczorek

PN-4924 (to develop TSB-127, Equipment Performance, 2-slot TDMA)  
Drafting work is continuing on this document.

SP-4231-RV1 (to revise TIA-603-A to add 700 MHz)  
The document has been sent to TIA for ballot.

SP-4613-RV1 (to revise for 700 MHz TIA-102.CAAB, Performance Recommendations)  
The document has undergone ballot resolution, and has been approved for publication.

PN-0042 (to develop TIA-902.CAAB, Wideband Data Performance Recommendations)  
Work is continuing on the drafting of this document.

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

SP-4661-AD2 (to add addendum for Multi-Band Trunking to TIA-102.AABC, Trunking Control Channel Messages)  
The document is in the ballot process.

SP-3603-AD1 (to add addendum for Multi-Band Trunking to TIA-102.AABF, Link Control Words)  
The document is in the ballot process.

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

Work is continuing on the drafting of this document.

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

Work is continuing on the drafting of this document.

13. TR-8.11 Antennas – Lou Meyer

A written report was submitted.

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

Work is continuing on the drafting of this document.

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

Work on this document has been slow. It is expected that the work will pick up as the Base Station Antenna document is complete.

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

John Oblak presented a status report.

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

This document is in the ballot process.

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

Work is continuing on the drafting of this document.

PN-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

Project numbers will be taken out for updating of the four Common Air Interface documents to add AFC information and TDMA slot synchronism.

16. TR-8.17 RF Exposure – Nick Buris

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

The working group has made the suggested changes from the FCC. A meeting is planned with FCC Lab personnel to review the latest modifications.

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

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

Work on the document is progressing slowly, and will be held for FCC resolution on several issues.

A white paper has been written of the topic of increasing the desired signal level of public safety systems to 50dBU, as requested by the NCC.

18. TR-8.19 Wireline Systems Interface – Jerry Drobka

There was no report given.

19. WG-8.20 International Activities – Al Wieczorek

There was no report given.

20. TR-8 Documents

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

The ballot comment resolution team presented their progress to date. There has been significant progress, however, a fundamental issue with one of the Motorola comments remains. It was decided to continue the discussions within the resolution team.

21. New Business

None was reported.

22. Review of New Assignments

- Continue the working party to resolve ballot comments by Motorola on the OTAR Interoperability document.
- A drafting committee will write a letter to the FCC, to be forwarded through the section, on Station Identification for Digital Stations.

23. Schedule Next Meeting

The October meeting is scheduled for the week of October 7 in Minneapolis, MN. The following schedule was suggested for 2003.

- January - Mesa, AZ
- April - New Orleans, LA
- June - Boulder, CO
- August – Co-located with APCO conference
- October - Salem (or Portland) OR

24. Adjourn

Bernie Olson moved to adjourn. Jeff Anderson seconded. The motion passed and the meeting was adjourned at 5:15 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.

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John Oblak  
TR-8 Chairman

<b>Name</b>	<b>Organization</b>
Robert Levesque	APCO Canada
Craig Jorgensen	APCO
Jim Blocker	Booz, Allen, and Hamilton
Robert DeLauney	Booz, Allen, and Hamilton
Craig Pickering	Booz, Allen, and Hamilton
Jeff Toye	City of Mesa
Robert Small	Daniels Electronics
Jim Holthaus	E. F. Johnson
John Oblak	E. F. Johnson
Hubert Azemard	EADS-DSN
Gerard Marque-Pucheu	EADS-DSN
Harrison Reves	FBI
Rob Barden	IFR
Joe Gallelli	Kenwood
Alan Wilson	Motorola
Terry Mansfield	Motorola
Wayne Leland	Motorola
Kevin Mayginnes	Motorola
Bernie Olson	Motorola
Jerry Drobka	Motorola
Larry Nyberg	Motorola
Nick Buris	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Rick Judson	Motorola
Debra Brown	Motorola
Bill Pomper	NCS
Bill Book	Nortel Networks
Jackson Chan	Nortel Networks
Roy McClellan	Nortel Networks
Randy Bloomfield	NTIA/ITS
Robert McLean	NTIA/ITS
Rich Frye	Orbacom Systems
Maribel Martinez	State of New York
Robert Schlieman	State of New York
Scott Quintavalle	Tait
Rex Nisbet	Tait
Richard Brockway	Thales Communications
Mac Hartless	Tyco Electronics
John Bryant	US Customs
James Downes	US Treasury Department
John Powell	University of California
William Hughes	Zetron

