

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

PRESIDING: John Oblak, Chairman

DATE: April 17, 2002

LOCATION: Dallas, TX

1. Call to Order

The meeting was called to order at 2:45 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

Bill Pomper moved to approve the agenda. Harrison Reves seconded. The motion passed unanimously.

4. Approve Meeting Notes of January 16, 2002

Daoud Serang moved to approve the meeting notes. Bill Pomper 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

- John Oblak to revise the Conventional Voice Interoperability document with the comment resolutions and forward to TIA for publication as a TSB.
 - The document has been published.
- John Oblak to send the OTAR Interoperability Test document to ballot as a TSB after obtaining a project number.
 - The document has been balloted.
- John Oblak presentation of TR-8.5 progress on wide band data to NCC.
 - Wayne Leland presented the report to the NCC.
- John Oblak to put the subject of Station Identification for Digital Land Mobile Radios at 150 and 450 MHz on the agenda for the next meeting.
 - This was placed on the agenda.

7. TR-8.1 Measurement Procedures – John Oblak.

SP-4231-RV1 (to revise TIA-603-A to add 700 MHz)
Comments have been approved for addition to the document.

SP-4232-RV1 (to revise TIA-102.CAAA to add 700 MHz)
Comments have been approved for addition to the document.

PN-0052 (to develop TSB-102.CAAC, Mobile PTT and Audio Interface)
A consolidated document was drafted. The subcommittee approved balloting the document as a TSB.

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

In addition, work has begun on a two-slot TDMA Method of Measurement document. A draft was submitted.

8. TR-8.3 Encryption – Richard Brockway

SP-4912 (to develop TIA-102.AAAB, Security Systems Overview)
This document will be sent in for publication after work on the Block Encryption Protocol is finalized.

SP-4910 (to develop TIA-102AACB, OTAR Operational Description)
The document is in ballot comment resolution, and is awaiting direction from the User Needs committee.

SP-4922 (to develop TIA-102.AACC, OTAR Conformance Test)
Ballot comments are resolved. The document was approved for publication.

SP-4921 (to develop TIA-102.AAAD, Block Encryption Protocol)
Ballot comments are resolved. The document was approved for publication.

SP-4824-AD1 (to add Block Encryption addendum to TIA-102.AACA, OTAR Protocol)
The document was approved to be sent to ballot as an ANSI standard.

A letter to the NCC has been drafted by Bill Pomper regarding interoperability standards for encryption. Richard Brockway made a motion to forward the document to the Section, to be forwarded to the NCC. Bill Pomper seconded the motion. The motion passed.

9. TR-8.4 Vocoder – Jim Holthaus

The subcommittee is assessing new Vocoder technology. There have been contributions from Nortel Networks, EADS/DSN, and Tyco Electronics.

10. TR-8.5 Data – Jeff Anderson

PN-0043 (to develop TIA-902.BAAB, Wideband Air Interface, SAM Layer 1)
The document published in February.

PN-0048 (to develop TIA-902.BABB, 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 is in ballot.

SP-4633-AD1 (to add PPP/USB addendum to TIA-102.BAEA, Data Overview)
The document is in ballot.

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

PN-0068 (to develop TIA-902.BAAC, Wideband Data MAC/RLA Layer)
The document was approved for ballot as a TIA standard.

An update to the status report on wideband data was drafted. Jeff Anderson made a motion of approve the report for presentation at the next NCC meeting. Daoud Serang seconded the motion. The motion passed.

11. TR-8.6 Transceiver Performance – Al Wiczorek

John Oblak reported for 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)
Comments have been made to the document. The document is being edited in conjunction with TR-8.1.

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

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

An Ad-hoc group was formed to draft responses to the FCC on issues of wideband data standards and comments to the NPRM on 800 MHz interference. Ernest Hoffmeister made a motion to forward the work of this drafting committee

to the Section for forwarding to the FCC. Daoud Serang seconded the motion. The motion passed.

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)
Drafting work is underway with a separate working group.

SP-3603-AD1 (to add addendum for Multi-Band Trunking to TIA-102.AABF, Link Control Words)
Drafting work is underway with a separate working group.

New work is beginning on TIA-102.AABD, Trunking Procedures. Conventional registration is being folded into TIA-102.AABG, Conventional Control Channel Messages. The document was approved for ballot, upon receiving a SP number.

Work is also beginning on two-slot TDMA trunking standards. There have been three documents submitted.

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 this document, with progress being made.

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
Ernest Hoffmeister presented a status report.

PN-0044 (to develop TIA-905, Two-Slot TDMA Common Air Interface)
Work is continuing on this project. Modifications have been made to the document, with comments due by May 10.

Other documents have been submitted in draft form, including MAC and LLC layer documents. A proposed document tree has been drafted.

15. TR-8.14 4-Slot TDMA – David Taylor
David Taylor has resigned as acting chairman of the subcommittee. Because there is a lack of ongoing projects, the consensus of the committee is to let TR-8.14 become dormant, until such time as there is a four-slot TDMA proposal to discuss.

16. TR-8.15 Common Air Interface – Alan Wilson

There has been no meeting during the April series. The subcommittee will resume work in June.

17. TR-8.17 RF Exposure – Nick Buris

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

The document has undergone revisions, as a result of suggestions by the FCC labs. The revised document will be forwarded to the FCC for further comments. A meeting with FCC personnel is being requested.

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

A written report was submitted by Bernie Olson.

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

The results of a working meeting were discussed. Section 7 of the document was circulated, with the expectation that it will gain approval at the next meeting.

19. TR-8.19 Wireline Systems Interface – Jerry Drobka

There was no report given.

20. WG-8.20 International Activities – Al Wiczorek

There was no report given.

21. TR-8 Documents

The Conventional Voice interoperability document has been published.

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

The document has been balloted. There were comments submitted by Motorola. After a brief comment resolution attempt, it was decided to appoint a working group to resolve comments. The working group consists of Jim Downes (chairman), Jim Holthaus, Rick Judson, Richard Brockway, Bill Pomper, Eldon Haakinson, Stan Hansen, Harrison Reves, Bob McClain, and Don Pfohl.

It was decided to send the Audio Signaling work to TR-8.1.

22. New Business

On the issue of station identification for digital stations, it was decided that a restructured draft needed to be sent to the FCC for reconsideration. A drafting committee consisting of Bob Speidel (chairman), Wayne Leland, Al Wilson, John Oblak, and Roy McClellan would write a letter on the subject.

TIA had asked committees to decide on the issue of referencing unpublished work in non-ANSI documents. The consensus of the committee is that TR-8 would not reference unpublished documents.

23. Review of New Assignments

- TR-8 to forward to the Section a letter to the NCC on encryption interoperability standards.
- John Oblak to report to the NCC on the progress of wideband data standards.
- TR-8 to forward to the Section the documents that are being drafted on the issues of wideband data FCC rules recommendations and response to the 800 MHz interference NPRM. These are for submission to the FCC.
- A copy of TSB-133 is to be sent to the FCC Labs for comment.
- Convene a 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.

24. Schedule Next Meeting

- The next meeting will be the week of June 10 in Denver (Westminster) CO.
- The August meeting will be in Nashville, the week prior to the APCO show.
- The October meeting is tentatively set for the week of October 5 in Minneapolis, MN.
- The January meeting is tentatively set for Mesa, AZ.

25. Adjourn

Jim Downes moved to adjourn. Don Pfohl seconded. The motion passed and the meeting was adjourned at 4:25 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

Attendance TR-8

April 17, 2002

Dallas, TX

Name	Organization
Craig Jorgensen	APCO International
Jim Blocker	Booz, Allen & Hamilton
Don Pfohl	City of Mesa
Daoud Serang	CML Microcircuits
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
Bob McLean	NTIA/ITS
Alan Wilson	Motorola
Wayne Leland	Motorola
Steve Adler	Motorola
Mike Bright	Motorola
Larry Nyberg	Motorola
Nick Buris	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Rick Judson	Motorola
Debra Brown	Motorola
Gilberto Frederick	NCS
Bill Pomper	NCS
Bill Book	Nortel Networks
Jackson Chan	Nortel Networks
Roy McClellan	Nortel Networks
Rich Frye	Orbacom Systems
Thom Morrow	RELM Wireless
Robert Schlieman	State of New York
Trevor Laughton	Tait
Brian Conrad	Techniconic
Richard Brockway	Thales Communications
John Derr	TIA
Mac Hartless	Tyco Electronics
Robert Speidel	Tyco Electronics
Ernest Hofmeister	Tyco Electronics
Eldon Haakinson	US Dept of Commerce
Randy Bloomfield	US Dept of Commerce
James Downes	US Treasury Department
Bill Hughes	Zetron



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Approved by General Counsel

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Date: 4/17/02

Location: Dallas, TX

Approved: 5/2/02

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