



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-8 Meeting Report

Date: 06/11/02

Location: Westminster, Colorado

Approved: 08/01/02

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

PRESIDING: John Oblak, Chairman

DATE: June 12, 2002

LOCATION: Westminster, CO

1. Call to Order

The meeting was called to order at 1:05 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

Roy McClellan moved to approve the agenda. Jim Downes seconded. The motion passed unanimously.

4. Approve Meeting Notes of April 17, 2002

Jim Downes moved to approve the meeting notes. Harrison Reves 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

- TR-8 to forward to the Section a letter to the NCC on encryption interoperability standards. This has been completed
- John Oblak to report to the NCC on the progress of wideband data standards. This has been completed.
- 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. This has been completed.
- A copy of TSB-133 is to be sent to the FCC Labs for comment. This has been completed.

- 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 approved for ballot.
- SP-4232-RV1 (to revise TIA-102.CAAA to add 700 MHz)
The document has been approved for ballot pending addition of an AFC test pattern.
- PN-0052 (to develop TSB-102.CAAC, Mobile PTT and Audio Interface)
This document is in the ballot process.
- 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.
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 was updated, and will be sent for a default ballot.
- 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.
- SP-4824-AD2 (to modify the document to add IP based OTAR)
This project was opened, and is in the process of being drafted.

9. TR-8.4 Vocoder – Jim Holthaus

John Oblak provided a report. 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.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 has undergone comment resolution, and was approved for publication.

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

SP-4631-AD1 (to add PPP/USB addendum to TIA-102.BAEE, Radio Control Protocol)
The document has undergone comment resolution, and was approved for publication.

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

Two new projects were approved for work. They include wideband data LLC and SAM CHC.

A motion was made by Ernest Hoffmeister and seconded by Harrison Reves to send the wideband data status presentation to the NCC as a status update. The motion was approved.

A motion was made by Jeff Anderson and seconded by Bill Pomper to send the wideband data status presentation to the Steering and APIC committees. The motion was approved.

11. TR-8.6 Transceiver Performance – Al Wieczorek

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 was approved for ballot.

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

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
Stan Hansen provided the report.

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

The document was approved for ballot.

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

The document was approved for ballot.

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

A project number has been taken out and drafting work has begun.

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

A project number has been taken out and drafting work has begun.

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.BAAC, Two-Slot TDMA Common Air Interface Physical Layer)

This document was approved for ballot.

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

A new project was begun. A draft document was submitted.

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

A new project was begun. A draft document was submitted.

15. TR-8.15 Common Air Interface – Alan Wilson

Issues of appropriate test patterns and operation of AFC were discussed and agreed upon. Issues of digital base station identification were held for future discussion.

16. TR-8.17 RF Exposure – Nick Buris

Bob Speidel reported for the subcommittee.

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

The document has been sent to the FCC, and has been returned with comments.

The comments are quite substantial, requiring the working group to continue with their revisions.

17. 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)

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

The NCC requested a white paper on boosting the field strength from 40 dBu to 50 dBu. A working group was formed to develop a proposal by August.

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

A team is working toward ballot resolution.

21. New Business

None was reported.

22. Review of New Assignments

- 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.

23. Schedule Next Meeting

- 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.

24. Adjourn

Al Wieczorek moved to adjourn. Harrison Reves seconded. The motion passed and the meeting was adjourned at 1:45 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

Name	Organization
Jim Blocker	Booz, Allen, and Hamilton
Craig Pickering	Booz, Allen, and Hamilton
Don Pfohl	City of Mesa
Jeff Toyne	City of Mesa
Ron Backlund	Daniels Electronics
John Oblak	E. F. Johnson
Hubert Azemard	EADS-DSN
Gerard Marque-Pucheu	EADS-DSN
Harrison Reves	FBI
Bob Barden	IFR
Joe Gallelli	Kenwood
Alan Wilson	Motorola
Terry Mansfield	Motorola
Wayne Leland	Motorola
Steve Adler	Motorola
Kevin Mayginnes	Motorola
Bernie Olson	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Rick Judson	Motorola
Bill Pomper	NCS
Bill Book	Nortel Networks
Jackson Chan	Nortel Networks
Roy McClellan	Nortel Networks
Rich Frye	Orbacom Systems
Tess Zagaruyka	RELM Wireless
Richard Roley	State of Georgia
Robert Schlieman	State of New York
Trevor Laughton	Tait
Paul Daigneault	Tait
Richard Brockway	Thales Communications
Robert Speidel	Tyco Electronics
Ernest Hofmeister	Tyco Electronics
James Downes	US Treasury Department
William Hughes	Zetron