



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-8 Meeting Report
Date: 06/16/04
Location: Boulder, CO

Approved: 07/06/04
T# 8191

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

PRESIDING: John Oblak, Chairman

DATE: June 16, 2004

LOCATION: Boulder, CO

1. Call to Order

The meeting was called to order at 10:55 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. Steve Nichols seconded. The motion passed.

4. Approve Previous Meeting Notes

The report from the March 31, 2004 meeting in Dallas, TX was distributed. Jim Downes 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

- John Oblak to convene TR-8.7 for election of officers. This work is ongoing until a chairman is identified.
- John Oblak to continue to post the teleconference schedule on the web. Ongoing.
- John Oblak to investigate providing CD ROMs for meeting archive. John Oblak agreed to supply CDs to those requesting them.

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 publication as an ANSI standard.

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

The document was approved for publication as an ANSI standard.

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

The major work is continuing in the TDMA task group.

PN-3-0168 (to develop TIA-902.CBAA IOTO Wideband Measurement Methods)

The goal is to approve the document for ballot at the next meeting.

8. TR-8.3 Encryption – Richard Brockway

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

The document has been approved for publication.

PN-3-4912 (to revise TIA-102.AAAB, Security Systems Overview)

The document is in the ballot phase.

9. TR-8.4 Vocoder – Rich Frye

Work to consider re-affirmation of the Vocoder MOS Test and Vocoder Reference Test documents will begin in August.

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)

The document has been approved for publication.

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

The document has been approved for publication.

PN-3-1059 (to develop TSB-902.AAAA, Wideband Data Security Services Overview)

The document has been published.

Two new projects were opened. One is for a Wideband Data Air Interface Overview, and the other is to upgrade the Wideband Air Interface MAC/RLA. Both documents are in drafting.

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 publication.

SP-3-4613-RV2 (to revise TIA-102.CAAB-A, Performance Recommendations)
The document was approved for publication.

PN-3-0171 (to develop TIA-902.CBAB Wideband Performance
Recommendations, IOTA)
Drafting work is continuing on this document.

12. TR-8.7 SDR

John Oblak convened a meeting to elect leadership for TR-8.7. No nominations were made for chairman. A nomination has been made for vice-chairman. Elections will be held at the next meeting.

13. TR8.8 Broadband Data Systems – Larry Nyberg

A conference call with Dan Bart confirmed that the P25 Steering Committee has the prerogative to initiate projects that it deems part of the evolution of P25. Therefore, the work of TR-8/8 will fall under the purview of the P25/P34 SOR.

14. Trunking and Conventional Control – Stan Hansen

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)

The document is undergoing ballot resolution.

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

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

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

The document was published.

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

The document is undergoing ballot resolution.

SP-3-4461-RV2 (to revise TIA-102.AABC, Trunking Control Channel Messages)

The document is undergoing ballot resolution.

15. TR-8.11 Antennas – Lou Meyer

Ron Jakubowski reported for Lou Meyer.

SP-3-4606 (to develop TIA-2329, Vehicular Antennas)
Work on the drafting of this document is continuing.

PN-3-0167 (to develop a standard for Signal Boosters)
Drafting work on this document is continuing.

PN-3-0084-AD1 (to add an addendum to TIA-929, Standard Format for Digitized Filter Specifications.)
The document was approved for publication.

PN-3-4544-URGV1 (to upgrade IS-804 to a TIA standard)
The document was approved for ballot.

16. TR-8.12 2-Slot TDMA – Dominick Arcuri
Ernest Hofmeister reported for the subcommittee.

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

17. TR-8.15 Common Air Interface – Alan Wilson

PN-3-3125 (to revise TSB-102.BAAB-A, CAI Conformance Test to a TIA Standard)
The document was approved for publication.

18. 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. The first draft will be sent to TIA for review by legal counsel.

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

PN-3-4744 (to develop TSB88-B, Wireless Communications Systems)
The document was approved for publication.

Bernie Olson reported that TR-8.18 had reached a consensus in the area of receiver diversity, concluding that diversity was equally applicable to the C4FM modulation as for F4FM modulation, and that diversity should not be used as a decision criteria for modulation selection. It was the consensus of TR-8 to forward this information to the Steering Committee.

A workshop is being planned on various topics including diversity, simulcast delay spread, vocoder implications on performance, etc. The workshop is planned prior to the August meeting.

20. TR-8.19 Wireline Systems Interface – Jerry Drobka
PN-3-3796 (to develop TIA-102.BACA, ISSI Messages Definition)
Drafting work on this document is continuing.

PN-3-3328-RV1A (to upgrade TSB-102.BAFA, Network Management Interface overview to a TIA standard)
Drafting work on this document is continuing.

21. TR-8 Documents
PN-3-0150 (to develop TIA-102.CABC, Voice Trunking Interoperability Test Procedures)
As a result of the ballot of this document, numerous comments were received. It was decided to return the document back to the IPPTG for comment resolution and re-drafting.

22. New Business
None was reported.

23. Review of New Assignments
- John Oblak to convene TR-8.7 for election of officers.
 - John Oblak to convey TR-8.18 consensus on diversity to the Steering Committee.
 - John Oblak to investigate providing CD ROMs for meeting archive.

24. Schedule Next Meeting
The next series of meetings is scheduled for the week of August 3 through August 7, 2004, in Montreal, Canada. The following schedule was agreed upon for subsequent meetings.

- August 3 – 7, 2004 Montreal
- October 4 – 8, 2004 St. Louis, MO
- January 10 – 14, 2005 Mesa, AZ
- March/April 2005 Charleston, SC
- June 2005 Seattle, Buffalo, or Vancouver
- August 2005 Denver
- October 2005 Pittsburgh

25. Adjourn

Jim Downes moved to adjourn. Jeff Anderson seconded. The motion passed. The meeting was adjourned at 11:45 A.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, & Hamilton
Doug Hall	Cisco
Jeff Toye	City of Mesa
Joe Noce	City of Mesa
Daoud Serang	CML Microcircuits
Robert Small	Daniels Electronics
Irwin Morse	Datron World Comm.
Mark Nispel	E.F. Johnson Co.
Wes McCoy	E.F. Johnson Co.
John Oblak	E.F. Johnson Co.
Hubert Azemard	EADS-DSN
Bill Book	EADS-DSN
Neville Rego	EADS-DSN
Charles Lee	FBI
Harrison Reves	FBI
William Sanchez	Harris Corp.
Masaaki Takahashi	Icom America
B-A Brown	Industry Canada
T. J. Glidden	JITC
Joel Berger	Kenwood
Joseph Kang	Lucent
Dave Berneking	Midland Radio
Debra Brown	Motorola
Gordon Graham	Motorola
Alan Wilson	Motorola
Terry Mansfield	Motorola
Bernie Olson	Motorola
Jerry Drobka	Motorola
Stan Hansen	Motorola
Jeff Anderson	Motorola
Manny Kahana	Motorola
Bill Pomper	NCS
Jaakko Saijonmag	Nokia
Jackson Chan	Nortel Networks
Randy Bloomfield	NTIA/ITS
Mona ElHelbawy	NTIA/ITS
Rich Frye	Orbacom Systems
Don Pfohl	Oregon State Police
Trevor Laughton	Tait
Brian Conrad	Technisonic
Jim Kent	Thales Communications
Steve Nichols	Thales Communications
Scott Peters	Thales Communications

John Derr
Ron Jakubowski
Tom Hengeveld
Ernest Hofmeister
Robert Speidel
Francis P. Deggs
Jim Downes
Julio Murphy
Randy Richmond

TIA
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U.S. Dept of Homeland Security
U.S. Dept of Homeland Security
Zetron