



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-8 Meeting Report

Date: 08/03/07

Location: Baltimore, MD

Approved: 8/23/07

T# 10646

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

PRESIDING: John Oblak, Chairman

DATE: August 3, 2007

LOCATION: Baltimore, MD

1. Call to Order

The meeting was called to order at 9:20 A.M.

2. Record of Attendance

An attendance roster was circulated. A list of attendees is attached. The attendance roster has been forwarded to TIA. As a result of a roll call, a quorum was determined to be present.

3. Approval of Agenda

Harrison Reves made a motion to approve the agenda. Ron Jakubowski seconded. The agenda was approved.

4. Approve Previous Meeting Notes

The report from the April 26, 2007 meeting in Dallas, TX was distributed. Harrison Reves made a motion to approve the meeting report. Ron Jakubowski seconded the motion. The motion passed.

5. Identify Intellectual Property Rights

The chair read the TIA IPR statement, as found in the Engineering Manual. The chair asked if anyone wanted to disclose patents that are essential for any standards discussed in TR-8. None was disclosed.

6. Review Status of Old Assignments

- John Oblak will be the TIA representative to the IAFC committee on digital radio operation in fireground noise environment. John Oblak will report on the activity later in the meeting.
- Larry Nyberg to host a drafting team to update the Project 25 FAQ. This is ongoing.
- John Oblak will participate in the Engineering Manual update. Send comments and suggestions to John. This work is ongoing.

7. TR-8.1 Measurement Procedures – John Oblak

SP-3-4232-RV3 (to revise TIA-102.CAAA-B)

A draft of this document is being developed.

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-3-0236 (to develop TIA-102.CAAD, Audible Signaling)

The re-ballot vote has closed. There was one negative vote, with numerous comments. These will be resolved in a conference call.

8. TR-8.3 Encryption – Mike Bright

There are no current items of business.

9. TR-8.4 Vocoder – Rich Frye

PN-3-0201 (to develop TSB-102.BABE, Phase II Vocoder Evaluation)

The document was published in May 2007.

10. TR-8.5 Data – Jim Eastwood

PN-3-0119 (to develop TIA-902.AAAB, Text Messaging)

Drafting work on this document is continuing.

SP-3-0081-UGRV (to revise and upgrade to ANSI TIA-902.BAAE, LLC)

This document was published in February.

SP-3-0090-UGRV (to upgrade TIA-902.BAAF to an ANSI standard)

The document was approved for ballot.

SP-3-0094-UGRV (to upgrade TIA-902.BAEB to an ANSI standard)

The document was approved for ballot.

A new project will be opened to update the packet data specification.

11. TR-8.6 Transceiver Performance – Terry Mansfield

PN-3-4924 (to develop TSB-905.CAAB, Equipment Performance, 2-slot TDMA)

Drafting work is continuing on this document.

PN-3-0171 (to develop TIA-902.CBAB Wideband Performance

Recommendations, IOTA)

The document was approved for ballot.

PN-3-4613-RV2 (to upgrade TIA-102.CAAB-B to add TDMA standards)

Drafting work is continuing on this document.

12. TR-8.8 Broadband Data Systems – Larry Nyberg

PN-3-0225 (to develop Broadband Airlink Standard)

Work on this project is continuing within the BBTG.

13. TR-8.10 Trunking and Conventional Control – John Lambrou

SP-3-3629-URV-1 (to update Trunking Procedures TSB-102.AABD to an ANSI Standard)

The document was approved for publication.

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.

PN-3-3591-RV1-AD1 (to add an addendum to System and Standards definition TSB-102-A)

This document was approved for publication.

PN-3-4661-RV3-AD2 (to add an addendum to Trunking CC Messages TIA-102.AABC-B)

This document was approved for publication.

PN-3-3603-RV1-AD2 (to add addendum 2 to Link Control Words TIA-102.AABF-A)

This document was published in May.

14. TR-8.11 Antennas – Lou Meyer

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

Work on the drafting of this document is continuing.

SP-3-0167-RV1 (to develop to TIA-156-A, Signal Boosters)

This document was published in June.

SP-3-4543-RV3-AD1 (to develop an addendum to TIA-329-C, Base Station Antennas)

Work on drafting this document is continuing.

In addition, a new work item has begun a new TSB for Antenna Gain – Mobile versus Base.

15. TR-8.12 2-Slot TDMA – Ernest Hofmeister

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

The subcommittee agreed to withdraw the ballot, and to continue drafting the document within the TDMA TG.

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.
16. TR-8.15 Common Air Interface – Alan Wilson
There are no current items for business.
17. TR-8.17 RF Exposure – Bob Speidel
There are no items in process for this subcommittee.
18. TR-8.18 Wireless Systems Interference and Coverage – Tom Rubinstein
PN-3-4744.x-RV3 (to develop a four document revision to TSB-88-B)
Work has continued on the drafting of these documents.
- PN-3-4820-RVI (to develop revision 1 to TIA-845)
The document was published in June.
- PN-3-0268 (to develop TSB-176 supplement to TIA-845-A)
This document is being drafted.
19. TR-8.19 Wireline Systems Interface – Jerry Drobka
PN-3-0193 (to develop TSB-102.BAGA, Console Subsystem Interface Overview)
Drafting work has continued on this project.
- PN-3-0235-AD1 (to develop an errata to Fixed Station Interface Messages and Procedures, TIA-102.BAHA)
Drafting work is continuing on this project.
- PN-3-0287 (to develop Conventional ISSI Messages and Procedures, TIA-102.BACE)
Drafting work is continuing on this project.
20. TR-8.25 Compliance Assessment – Tess Zagaruyka
It is expected that work on the Trunking Interoperability upgrade will begin prior to the next meeting.
21. New Business
John Oblak reported on the progress of the IAFC committee studying the effects of fireground noise on digital radios. Two working committees were formed. One is to collect and evaluate best practices that are being used. The other is to make measurements to quantify the problem and qualify possible solutions. John Powell stated that some departments are having improved performance with throat microphones. DJ Atkinson further described the testing program.
22. Review of New Assignments
No new assignments were recorded.

23. Schedule Next Meeting

The next series of meetings is scheduled for the week of October 8 through October 12, 2007 in Kansas City, KS. The following schedule was agreed upon for subsequent meetings.

- January 7-11, 2008 Mesa (Arizona)
- April 21-25, 2008 San Diego, CA
- July 29 - August 2, 2008 Kansas City
- October 27-31, 2008 Baltimore
- January 26-30, 2009 Mesa, AZ

24. Adjourn

Harrison Reves made a motion to adjourn. Ernest Hofmeister seconded. The motion passed. The meeting was adjourned at 10:15 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 |
|----------------------|-----------------------------|
| John Powell | APCO |
| Craig Jorgensen | APCO |
| Douglass Hall | Cisco Systems |
| Larry Metzger | Cisco Systems |
| Jeff Toye | City of Mesa |
| Daoud Serang | CML Microcircuits |
| Robert Small | Daniels Electronics |
| Jeffrey Wolf | Datron World Communications |
| Michael McAdams | DHS FPIC Support |
| John Oblak | E.F. Johnson Co. |
| Gerard Marque-Pucheu | EADS |
| Frederic Rosin | EADS |
| Roy McClellan | EADS |
| Harrison Reves | FBI |
| Jonathan McLin | General Dynamics |
| John Gough | Harris Corporation |
| Masaaki Takahashi | Icom America |
| Rich Frye | IPC Command Systems |
| Yutaka Hattori | Kenwood USA |
| Masaru Taniguchi | Kenwood USA |
| Fred Frantz | L3 Communications |
| Ralph Flora | Midland Radio |
| Joseph Kolesar | Mitre |
| Debra Brown | Motorola |
| Andy Davis | Motorola |
| Jim Eastwood | Motorola |
| David Eierman | Motorola |
| John Lambrou | Motorola |
| Todd Leigh | Motorola |
| Wayne Leland | Motorola |
| Larry Nyberg | Motorola |
| Tim Woodward | Motorola |
| Randy Bloomfield | NIST/OLES |
| Jackson Chan | Nortel Networks |
| Charlie Hoffman | NTIA |
| Andrew Thiessen | NTIA/ITS |
| Nate Walowitz | NTIA/ITS |
| Jim Spence | RELM Wireless |
| Tess Zagaruyka | RELM Wireless |
| Daniel Devasirvatham | SPAWAR |
| George Crouch | State of South Carolina |
| Bruce Meyers | State of Florida |
| Robert Pletcher | State of Texas |

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|-------------------|-----------------------|
| Paul Daigneault | Tait |
| Rex Nisbet | Tait |
| Brian Conrad | Technisonic |
| Steve Nichols | Thales Communications |
| Ron Jakubowski | TX/RX |
| Greg Henderson | Tyco Electronics |
| Tom Hengeveld | Tyco Electronics |
| Ernest Hofmeister | Tyco Electronics |
| Bill Janky | Tyco Electronics |
| Robert Speidel | Tyco Electronics |
| Alan Wilson | Tyco Electronics |
| Adam Bortsch | US Marine Corps |
| Richard Ontiveros | US Marine Corps |
| Robert Shapiro | LCC International |
| Kevin Eckhardt | Zetron Inc. |
| Matt Fueston | Zetron Inc. |
| Joe Gallelli | Zetron Inc. |
| Jill Hostetter | Zetron Inc. |
| Randy Richmond | Zetron, Inc. |