



Telecommunications Industry Association

1310 North Courthouse Road, Suite 890
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Approved by General Counsel

TR-8.3

Meeting Date(s): 5 February 2020

Location: Renaissance New Orleans Pere Marquette French Quarter
Area Hotel – New Orleans, LA

Approved: 6 July 2020



TIA Meeting Report

ORGANIZATION: TR-8.3 Encryption Subcommittee

CHAIRMAN: Tim Woodward Phone: 1-480-966-2688
E-mail: tim.woodward@motorolasolutions.com

VICE-CHAIRMAN: Harry Reves Phone: 1-575-434-3839
E-mail: hreves@harris.com

DATE/TIME: 09:00 - 09:30 am CST, 05-Feb, 2020

LOCATION: Renaissance New Orleans Pere Marquette French Quarter Area Hotel
817 Common Street
New Orleans, LA 70112

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1. Call to Order

The TR-8.3 Chairman, Tim Woodward, called the meeting to order at 09:00 am local time and read the Important Notice for Participation.

2. Record of Attendance

The TR-8.3 Chairman took attendance and recorded the present TR-8.3 members. A quorum was achieved with 7 of 10 voting members present.

3. Review and Approve Agenda

The agenda "20-002 TR-8.3_Meeting_Notice_Agenda 2020_02_05" was presented for approval. Dwight Smith offered a motion to approve the agenda. Harrison Reves seconded the motion. The motion was unanimously approved.

4. Review and Approve Last Meeting Report

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i. 2019-October-09 quorum meeting (Charlotte, NC)

The meeting report from October 2019 “20-003 TR-8.3_Meeting_2019_10_09_Report” was presented for approval. Dwight Smith offered a motion to approve the meeting report. Harrison Reves seconded the motion. The motion was unanimously approved.

5. Record Essential IPR

TIA IPR Policy

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. Participants in the work of the TIA Formulating Groups are urged to review the appropriate sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication, including requirements introduced through normative references, early on in the development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with a TIA Patent Holder Statement with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.

The TR-8.3 Chairman read the TIA IPR Policy statement that was included in the meeting notice agenda. No IPR was brought forth that was essential to the meeting discussion.

6. Old Business (document 20-004)

a. Disposition of Single-key/Multi-key Addendum to ANSI/TIA-102.AACA-A.

The TR8.3 Chairman noted that this document was approved for ballot at the October 2019 TR-8.3 Encryption Subcommittee quorum meeting. Balloting opened on 5 November, 2019 and completed on 20 December, 2019. Summary of the ballot voting can be found in “20-005 TR-8.3 ANSI-TIA-102.AACA-A-1 Ballot Summary” showing 13 approvals, 0 disapprovals, 0 abstentions, and 3 unreturned ballots.

John Lambrou moved to publish ANSI/TIA-102.AACA-A-1 with “Project 25” on the cover page if the Project 25 Steering Committee approves the document as part of the Project 25 Standard; if the Project 25 Steering Committee does not respond in the affirmative within 20 business days, the document will be published without “Project 25” on the cover page. Harrison Reves seconded. The motion passed unanimously by voice vote.

b. Disposition of ANSI/TIA-102.AACA-A “OTAR Messages and Procedures” revision.

The TR8.3 Chairman noted that 3 teleconferences have taken place since the October 2019 quorum meetings. The related comment matrix and teleconference meeting minutes can be found in the TR-8.3 folder on the TIACONNECT website. The TR-8.3 Chairman will continue to schedule offline TR8.3 conference calls to complete comment resolution on this specification.

The group discussed how to move forward relative to the deprecated DES algorithm as it is currently documented in AACA-A. It was noted, and generally agreed, that DES continues to be used in the field, and so for this reason, it is recommended that text related to DES be moved to an information annex in the update to AACA-A.



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7. New Business

No new business was identified

8. Review of Current Assignments

- i. The TR8.3 Chairman will schedule TR8.3 conference calls to complete comment resolution on the published AACA-A OTAR standard. Comments related to DES will be resolved per agreement in item 6b above.
- ii. The TR8.3 Chairman will notify TIA of the agreement to publish “19-015 TR8.3 AACA-A-1 single key multi key addendum” per the motion in item 6a above.

9. Schedule Next Meeting

The TR-8.3 Chairman requested 30 minutes for the next TR-8.3 quorum meeting in June 2020.

The next TR-8.3 conference call is currently scheduled for February 11, 2020.

10. Adjournment

Dwight Smith offered a motion to adjourn the meeting. John Lambrou seconded the motion. The motion was unanimously approved. The meeting was adjourned at 09:21am local time.

This meeting was conducted in accordance with the TIA Legal Guide and engineering procedures.

Tim Woodward
Chairman, TR-8.3



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Documents distributed by the TR-8.3 subcommittee prior to and at the meeting:

- 19-012 TR8.3 L3Harris Comments on AACA-A
- 19-013 TR8.3 MSI Comments on TIA-102.AACA-A
- 19-013-R1 TR8.3 MSI Comments on TIA-102.AACA-A
- 19-017 TR8.3 Combined comments on AACA-A
- 19-017-R1 TR8.3 Combined comments on AACA-A
- 19-017-R2 TR8.3 Combined comments on AACA-A
- 19-017-R3 TR8.3 Combined comments on AACA-A
- 19-017-R4 TR8.3 Combined comments on AACA-A
- 19-019 TR-8.3.1 Working Group Meeting Notes 12-10-19
- 20-001 TR-8.3.1 Working Group Meeting Notes 01-07-20
- 20-002 TR-8.3_Meeting_Notice_Agenda 2020_02_05
- 20-003 TR-8.3_Meeting_2019_10_09_Report
- 20-004 TR-8.3 February 2020 Activity Report
- 20-005 TR-8.3 ANSI-TIA-102.AACA-A-1 Ballot Summary
- 20-006 TR-8.3.1 Working Group Meeting Notes 01-21-20

TR-8.3 Quorum Members and Voting Status

Organization	New Orleans, LA 4/2/20	Charlotte, NC 9/10/19	Des Moines, IA 6/15/19	Mesa, AZ 2/06/19	San Antonio, TX 10/17/18	Eligible to Vote at Next Meeting
(1) Airbus						No
(2) Bird Technologies	*		*	*	*	Yes
(3) BK Technologies	*	*	*	*	*	Yes
(4) Codan	*		*	*	*	Yes
(5) E.F. Johnson	*	*	*	*	*	Yes
(6) Etherstack		*	*	*		Yes
(7) FBI		*	*	*	*	Yes
(8) L3Harris	*	*	*	*	*	Yes
(9) Icom America	*	*	*	*	*	Yes
(10) Intertalk		*	*	*	*	Yes
(11) Motorola Solutions	*	*	*	*	*	Yes
(12) Project 25						No
(13) Tait						No
(14) U.S. DHS	*	*	*	*	*	Yes

* indicates "present"



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TR-8.3 Published Documents

Publication	Title	Published Date
ANSI/TIA-102.AAAB-B	Security Services Overview	Reaffirmed February 2019
ANSI/TIA-102.AAAD-B	Block Encryption Protocol	November 2015
ANSI/TIA-102.AACA-A	OTAR Messages & Procedures	September 2014
ANSI/TIA-102.AACC-A	Conformance Tests for Project 25 Over-The-Air Rekeying (OTAR) Protocol	August 2006
TIA-102.AACD-A	Key Fill Device (KFD) Interface Protocol	September 2014
TIA-102.AACE-A	Link Layer Authentication	April 2011
TIA-102.BAKA	KMF to KMF Interface	April 2012
TIA-102.CABB	Interoperability Test Procedures – Over-the-Air Rekeying (OTAR)	August 2003