



Telecommunications Industry Association

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Approved by General Counsel

TR-8.12

Meeting Date(s): 8 October 2019

Location: Fairfield Inn & Suites Charlotte Uptown – Charlotte,

NC Approved: 24 October 2019

TR-8.12 Two Slot TDMA Meeting Report

19-033

Presiding: Jim Eastwood, Chairman

360-303-3274 / jim.eastwood@motorolasolutions.com

Date: Tuesday, October 8, 2019

Place: Fairfield Inn & Suites Charlotte Uptown

Participation Notice

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1. Call to Order:

The Chair called the meeting to order at approximately 13:47 Eastern Time (Charlotte local time) and volunteered to act as secretary. The Chair indicated that all relevant documents are on the TR-8.12 FTP site.

2. Record of Attendance:

Participants were advised to record their attendance with TIA staff and a summary of the attendance is provided later in this report. A quorum was established with 13 of 14 eligible voting organizations present.

3. Review and Approve Agenda:

The Chair noted that the meeting agenda had been distributed by TIA prior to the meeting and that it is available as 19-027. The Chair then called the participants' attention to the TIA Participation Notice and Important Notice for Participation (see above) and asked for a motion to accept the October meeting agenda. John Lambrou moved, and Dwight Smith seconded, a motion to accept the October meeting agenda as written. The motion passed unanimously by voice vote.

4. Review and Approve Last Meeting Report:

The Chair noted that the previous meeting report had been distributed by TIA prior to the meeting and that it is available as 19-021. The Chair then asked for a motion to accept the June meeting report. Dwight Smith moved, and John Lambrou seconded, a motion to accept the June meeting report as written. The motion passed unanimously by voice vote.

5. TIA IPR Policy:

The Chair called the participants' attention to Note 2 on the meeting agenda for information regarding the TIA IPR Policy (see above) that was read to the participants earlier in the day. The Chair asked the question "is there knowledge of patents, the use of which may be essential to any document being considered during this meeting that anyone would like to disclose at this time"? There was no new IPR identified.

6. Old Business:

The Chair called the participants' attention to 19-031 for a summary of the subcommittee activities since the previous meeting. The Chair then called the participants' attention to slide 2, and noted that no conference calls were held since the June meeting.

a. Disposition of TIA-PN-102.BBAC-A Two-Slot TDMA MAC Layer Specification:

The Chair called the participants' attention to slide 3 and indicated that the TIA assigned project number for the 2nd Edition is TIA-PN-102.BBAC-A and that Motorola Solutions is the document editor. The Chair also indicated that the purpose of the project is to specify Control Channel and Voice Channel logical channel structure, burst structures, burst field definitions, bearer service definitions, burst bit locations, and anticipate logical data channel and link layer encryption. The Chair then indicated that the latest documents are in the "MAC Layer Specification" subfolder.

The Chair indicated that the Revision A-v6 draft proposal 18-014-R5 was approved for ballot during the June quorum meeting. The Chair also indicated that the ballot was issued June 26th and closed July 25th. The Chair then indicated that the ballot summary report 19-023 was distributed July 26th and that the ballot was successful with no ballot comments.

The Chair indicated that an issue with the text in subclause 3.4.2 was discovered after the ballot and that issue is documented in comment matrix 19-026 along with another very minor editorial comment. The Chair also indicated that the resolutions for the comments were recorded in comment matrix 19-026-R1, incorporated in the Revision A-v7 draft proposal 18-014-R6, and distributed for review August 28th. The Chair then indicated that comment resolution was completed September 20th with no further changes to the draft proposal, so the status of all comments was changed to "Closed" in comment matrix 19-026-R2, all change tracking was accepted in the draft proposal, and the Revision A-v8 draft proposal 18-014-R7 was distributed September 23rd.

The Chair proceeded to slide 4 and provided a summary of the post-ballot comments and proposed that the comments be classified as "non-substantive" since they were either clearly editorial or corrected the text to align with what was intended by synchronizing Two-Slot TDMA radio channels. The Chair then asked if there was any discussion or disagreement with classifying the post-ballot comments as "non-substantive". There was no objection.

The Chair asked if there was a motion from the floor to accept the post-ballot comment resolutions recorded in the comment matrix and incorporated in the Revision A-v8 draft proposal.

Dwight Smith moved, and Jim Downes seconded, a motion to accept the post-ballot comment resolutions recorded in combined comment matrix 19-026-R2 and incorporated in the Revision A-v8 draft proposal 18-014-R7. The motion passed unanimously by voice vote.

The Chair asked if there was a motion from the floor to publish the Revision A-v8 draft proposal.

Dwight Smith moved, and John Lambrou seconded, a motion to publish contribution 18-014-R7, Revision A-v8 draft proposal for the Two-Slot TDMA MAC Layer Specification 2nd Edition, as TIA-102.BBAC-A 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. The motion passed unanimously by voice vote. The Chair took an assignment to prepare contribution 18-014-R7 for publication and to submit a Publication Authorization form to the TIA Standards Department to publish the document after allowing time for the Project 25 Steering Committee to determine the disposition of the document.

b. Disposition of TIA-PN-102.BBAD-A Two-Slot TDMA MAC Layer Messages:

The Chair called the participants' attention to slide 5 and indicated that the TIA assigned project number for the 2nd Edition is TIA-PN-102.BBAD-A and that Motorola Solutions is the document editor. The Chair also indicated that the purpose of the project is to specify Control Channel and Voice Channel protocol data units, message formats, message field definitions, and anticipate logical data channel and link layer encryption. The Chair then indicated that the latest documents are in the "MAC Layer Messages" subfolder.

The Chair indicated that the Revision A-v6 draft proposal 18-017-R5 was approved for ballot during the June quorum meeting. The Chair also indicated that the ballot was issued June 26th and closed July 25th. The Chair then indicated that the ballot summary report 19-024 was distributed July 26th and that the ballot was successful.

The Chair provided a summary of the ballot and indicated that there was one editorial ballot comment recorded in ballot comment matrix 19-022. The Chair also indicated that the proposed resolution recorded in ballot comment matrix 19-022-R1 was incorporated in the Revision A-v7 draft proposal 18-017-R6 and that ballot comment resolution was completed August 15th. The Chair then indicated that the status of all comments was changed to Closed in ballot comment matrix 19-022-R2 and that all change tracking was accepted in the Revision A-v8 draft proposal 18-017-R7 that was distributed August 27th.

The Chair indicated that L3Harris discovered an issue in the draft proposal regarding the "Service Type" field after the ballot and provided comment matrix 19-028. The Chair also indicated that while investigating the "Service Type" issue, Motorola Solutions identified some other editorial issues and provided comment matrix 19-029.

The Chair proceeded to slide 6 and indicated that resolutions for the comments were recorded in combined comment matrix 19-030, incorporated in the Revision A-v9 draft proposal 18-017-R8 with change tracking, and distributed for review September 26th. The Chair also indicated that all change tracking was accepted in the Revision A-10 draft proposal 18-017-R9 and was distributed for review on September 26th as well.

The Chair then indicated that comment resolution was completed October 7th with no further changes to the draft proposal, so the status of all comments was changed to "Closed" in comment matrix 19-030-R1. The Chair then asked if any organization needs more time to review the post-ballot comments. There was no response.

The Chair proposed that the comment recorded in ballot comment matrix 19-022-R2 be classified as "non-substantive" since it simply corrected a value in Figure 126 to match the like value in Table 4. The Chair then asked if there was any discussion or disagreement with classifying the ballot comment as "non-substantive". There was no objection.

The Chair asked if there was a motion from the floor to accept the ballot comment resolution recorded in the ballot comment matrix and incorporated in the Revision A-v8 draft proposal.

Jim Downes moved, and Dwight Smith seconded, a motion to accept the ballot comment resolution recorded in ballot comment matrix 19-022-R2 and incorporated in the Revision A-v8 draft proposal 18-017-R7. The motion passed unanimously by voice vote.

The Chair provided a summary of the post-ballot comments recorded in combined comment matrix 19-030-R1 and proposed that the comments be classified as "non-substantive" since they were either clearly editorial or clarified the text to align with what was intended for the "Service Type" field. The Chair then asked if there was any discussion or disagreement with classifying the post-ballot comments as "non-substantive". There was no objection.

The Chair asked if there was a motion from the floor to accept the post-ballot comment resolutions recorded in the combined comment matrix and incorporated in the Revision A-v10 draft proposal.

Dwight Smith moved, and Jim Downes seconded, a motion to accept the post-ballot comment resolutions recorded in combined comment matrix 19-030-R1 and incorporated in the Revision A-v10 draft proposal 18-017-R9. The motion passed unanimously by voice vote.

The Chair then asked if there was a motion from the floor to publish the Revision A-v10 draft proposal.

Dwight Smith moved, and John Lambrou seconded, a motion to publish contribution 18-017-R9, Revision A-v10 draft proposal for the Two-Slot TDMA MAC Layer Messages 2nd Edition, as TIA-102.BBAD-A 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. The motion passed unanimously by voice vote. The Chair took an assignment to prepare contribution 18-017-R9 for publication and to submit a Publication Authorization form to the TIA Standards Department to publish the document after allowing time for the Project 25 Steering Committee to determine the disposition of the document.

c. Disposition of TIA-PN-102.BBAE Two-Slot TDMA MAC Layer Procedures:

The Chair called the participants’ attention to slide 7 and indicated that the TIA assigned project number for the 1st Edition is TIA-PN-102.BBAE and that Motorola Solutions is the document editor. The Chair also indicated that the purpose of the project is to specify Control Channel and Voice Channel procedures, and anticipate logical data channel and link layer encryption. The Chair then indicated that the latest documents are in the “MAC Layer Procedures” subfolder.

The Chair indicated that the O-v5 draft proposal 19-002-R4 was approved for ballot during the June quorum meeting. The Chair also indicated that the ballot was issued June 26th and closed July 25th. The Chair then indicated that the ballot summary report 19-025 was distributed July 26th and that the ballot was successful with no ballot comments. The Chair asked if there was a motion from the floor to publish the O-v5 draft proposal.

Dwight Smith moved, and Jerry Drobka seconded, a motion to publish contribution 19-002-R4, O-v5 draft proposal for the Two-Slot TDMA MAC Layer Procedures 1st Edition, as TIA-102.BBAE 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. The motion passed unanimously by voice vote. The Chair took an assignment to prepare contribution 19-002-R4 for publication and to submit a Publication Authorization form to the TIA Standards Department to publish the document after allowing time for the Project 25 Steering Committee to determine the disposition of the document.

d. Work Summary:

The Chair called the participants’ attention to slide 8 for a summary of current and future work items for the subcommittee and provided a brief statement regarding each one.

The Chair provided a brief summary of the following documents:

- Two-Slot TDMA MAC Layer Specification 2nd Edition – approved for publication
- Two-Slot TDMA MAC Layer Messages 2nd Edition – approved for publication
- Two-Slot TDMA MAC Layer Procedures 1st Edition – approved for publication

The Chair indicated that 18-005-R2 provides a high-level overview of the Two-Slot TDMA Document Suite restructure and is provided for informational purposes. The Chair also indicated that the plan is to publish the above three documents at the same time. The Chair then indicated that anticipated future work is to add Link Layer Encryption (LLE) for the Two-Slot TDMA Control Channel and Voice Channel.

The Chair called the participants' attention to slide 9 for a summary of the TIA-102 documents published by this subcommittee. The Chair indicated that this content is provided for informational purposes.

7. New Business:

The Chair indicated that he had one item of new business. The Chair announced that Chair and Vice-Chair elections would be held during the February 2020 quorum meeting since this is an even numbered subcommittee. The Chair also indicated that anyone interested in either position is requested to submit statement of qualifications letter and letter of company support per section 6.3 of the TIA Engineering Committee Operating Procedures (ECOP) to the TIA Standards Department.

The Chair then asked if there was any other new business to bring before the TR-8.12 subcommittee. None was offered.

8. Review of Current Assignments:

The Chair was to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot TIA-PN-102.BBAC-A for the Two-Slot TDMA MAC Layer Specification Revision A-v6 draft proposal, contribution 18-014-R5. [Complete]

The Chair was to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot TIA-PN-102.BBAD-A for the Two-Slot TDMA MAC Layer Messages Revision A-v6 draft proposal, contribution 18-017-R5. [Complete]

The Chair was to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot TIA-PN-102.BBAE for the Two-Slot TDMA MAC Layer Procedures O-v5 draft proposal, contribution 19-002-R4. [Complete]

The Chair is to submit a Publication Authorization form to the TIA Standards Department to publish contribution 18-014-R7 as TIA-102.BBAC-A Two-Slot TDMA MAC Layer Specification after allowing time for the Project 25 Steering Committee to determine the disposition of the document. [New]

The Chair is to submit a Publication Authorization form to the TIA Standards Department to publish contribution 18-017-R9 as TIA-102.BBAD-A Two-Slot TDMA MAC Layer Messages after allowing time for the Project 25 Steering Committee to determine the disposition of the document. [New]

The Chair is to submit a Publication Authorization form to the TIA Standards Department to publish contribution 19-002-R4 as TIA-102.BBAE Two-Slot TDMA MAC Layer Procedures after allowing time for the Project 25 Steering Committee to determine the disposition of the document. [New]

9. Schedule Next Meeting:

The Chair requested 30 minutes of meeting time on the schedule for the next meeting.

10. Adjournment:

Dwight Smith moved, and John Lambrou seconded, a motion to adjourn the meeting at approximately 14:19 Eastern Time (Charlotte local time). The motion passed unanimously by voice vote. An attendance roster is on file with the TIA Standards Department.

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

Jim Eastwood, TR-8.12 Chair

Current Projects

TIA Project Number	Title	Status
TIA-PN-102.BBAC-A	Two-Slot TDMA MAC Layer Specification	Publishing
TIA-PN-102.BBAD-A	Two-Slot TDMA MAC Layer Messages	Publishing
TIA-PN-102.BBAE	Two-Slot TDMA MAC Layer Procedures	Publishing

TIA-102 Published Documents

TIA Number	Title	Date	Status*	
TSB-102.BBAA	Two-Slot TDMA Overview	March 2010	TIA	P25
TIA-102.BBAB	Phase 2 Two-Slot Time Division Multiple Access Physical Layer Specification	July 2009	TIA	P25
TIA-102.BBAC	Phase 2 Two-Slot TDMA MAC Layer Description	December 2010	TIA	P25
TIA-102.BBAC-1	Addendum 1	February 2013	TIA	P25
TIA-102.BBAD	Two-Slot TDMA Control Channel MAC Layer Specification	August 2017	TIA	P25
TIA-102.BCAD	Phase 2 Two-Slot Time Division Multiple Access Trunked Voice Services Common Air Interface Conformance Specification	September 2011	TIA	P25
TIA-102.BCAE	Phase 2 Two-Slot Time Division Multiple Access Trunked Voice Messages and Procedures Conformance Specification	July 2011	TIA	P25
TIA-102.BCAF	Trunked TDMA Voice Channel Conformance Profiles	August 2012	TIA	P25

* P25 in the 2nd Status column indicates the document has been adopted as part of the Project 25 Standard by the Project 25 Steering Committee

Voting Organizations

The following table shows the voting organization participation for previous meetings and current voting qualification. A check mark (✓) indicates the organization was present for the indicated meeting.

Voting Organizations	Atlanta GA 06-19-2018	San Antonio TX 10-16-2018	Mesa AZ 02-05-2019	Des Moines IA 06-18-2019	Charlotte NC 10-08-2019	Eligible to Vote at Next Meeting
(1) APCO International	✓	✓	✓	✓	✓	Yes
(2) Bird Technologies	✓	✓	✓	✓		Yes
(3) BK Technologies	✓	✓		✓	✓	Yes
(4) E.F. Johnson Technologies	✓	✓	✓	✓	✓	Yes
(5) Etherstack	✓		✓	✓	✓	Yes
(6) FBI	✓	✓	✓	✓	✓	Yes
(7) Icom America Inc.	✓	✓	✓	✓	✓	Yes
(8) ISICSB	✓	✓	✓	✓	✓	Yes
(9) JVCKenwood Corporation	✓	✓	✓	✓	✓	Yes
(10) L3 Harris Technologies	✓	✓	✓	✓	✓	Yes
(11) Motorola Solutions, Inc.	✓	✓	✓	✓	✓	Yes
(12) U.S. DHS OEC	✓	✓	✓	✓	✓	Yes
(13) U.S. DoI	✓	✓	✓	✓	✓	Yes
(14) Zetron	✓	✓			✓	Yes

Non-Voting Organizations

A check mark (✓) indicates the organization was present for the indicated meeting.

Non-Voting Organizations	Atlanta, GA 06-19-2018	San Antonio, TX 10-16-2018	Mesa, AZ 02-05-2019	Des Moines, IA 06-18-2019	Charlotte, NC 10-08-2019
(1) Codan Radio	✓	✓	✓	✓	
(2) CSI Telecommunications				✓	✓
(3) dbSpectra		✓			
(4) Dept. of Emergency Management					✓
(5) Fairfax County	✓		✓		
(6) FirstNet					✓
(7) Grundy County 911		✓	✓	✓	
(8) Harris County Central Tech.		✓			
(9) InterTalk Critical Info Sys.	✓	✓	✓		✓
(10) Iowa DPS		✓	✓	✓	
(11) National Sheriff's Association					✓
(12) NYSP	✓	✓		✓	✓
(13) PTIG	✓	✓	✓	✓	✓
(14) Public Safety Communications, CA				✓	✓
(15) Softwright		✓			✓
(16) State of Indiana - IPSC			✓		
(17) State of South Carolina		✓		✓	✓
(18) TX DPS	✓			✓	✓
(19) U.S. Coast Guard		✓	✓	✓	✓
(20) Viavi Solutions		✓			✓

Attendance Roster Summary

Participant	Organization	Participant	Organization
John Mistro	<i>APCO International</i>	Tim Woodward	<i>Motorola Solutions, Inc.</i>
Jim Holthaus	<i>BK Technologies</i>	Justin Smith	<i>National Sheriff's Association</i>
Bernie Olson	<i>CSI Telecommunications</i>	Maribel Martinez-Bradwell	<i>NYSP</i>
Scott Wright	<i>Dept. of Emergency Management</i>	Stephen Nichols	<i>PTIG</i>
Josh Johnson	<i>E.F. Johnson Technologies</i>	John Lemmon	<i>Public Safety Communications, CA</i>
Dwight Smith	<i>E.F. Johnson Technologies</i>	Todd Summers	<i>SoftWright LLC</i>
Doug Chapman	<i>Etherstack</i>	George Crouch	<i>State of South Carolina</i>
Richard Massie	<i>FBI</i>	Christie Bielby	<i>TX DPS</i>
William Janky	<i>FirstNet</i>	Sonia Kendall	<i>U.S. Coast Guard</i>
Masaaki Takahashi	<i>ICOM America Inc.</i>	James Middleton	<i>U.S. Coast Guard</i>
Glenn Shirley	<i>InterTalk Critical Info. Systems</i>	Robert Ausura	<i>U.S. DHS OEC</i>
Thomas Lamp	<i>ISICSB (State of Iowa)</i>	Joshua Black	<i>U.S. DHS OEC</i>
Chris Maiers	<i>ISICSB (State of Iowa)</i>	Jim Downes	<i>U.S. DHS OEC</i>
Angelina Seay	<i>JVC Kenwood Corporation</i>	Brian Heitman	<i>U.S. DHS OEC</i>
Tom Hengeveld	<i>L3 Harris Technologies</i>	Britany Higdon	<i>U.S. DHS OEC</i>
Harrison Reves	<i>L3 Harris Technologies</i>	April O'Reilly	<i>U.S. DHS OEC</i>
Derek Wells	<i>L3 Harris Technologies</i>	Brandon Diemer	<i>U.S. DoI</i>
Andy Davis	<i>Motorola Solutions, Inc.</i>	Ed Latimer	<i>Viavi Solutions</i>
Jerry Drobka	<i>Motorola Solutions, Inc.</i>	Chad McAsey	<i>Viavi Solutions</i>
Jim Eastwood	<i>Motorola Solutions, Inc.</i>	Randy Richmond	<i>Zetron</i>
John Lambrou	<i>Motorola Solutions, Inc.</i>		

Correspondence Log

Number	Date	Author	Subject
16-001	01-26-2016	Andy Davis	Cleaning Up TR-8.12 Work (2015-07-28 Email)
16-002-R1	01-26-2016	Roy McClellan	January 2016 Quorum List
16-003	01-26-2016	Roy McClellan	January 2016 Meeting Notice-Agenda
16-004	01-26-2016	Jim Eastwood	Two-Slot TDMA Control Channel Introduction
16-005-R8	01-19-2017	Jim Eastwood	Two-Slot TDMA Control Channel MAC Layer Specification
16-006	01-26-2016	Jim Eastwood	Template for Comments on 16-005
16-007	03-17-2016	Roy McClellan	January 2016 Meeting Roster
16-008	03-17-2016	Roy McClellan	January 2016 Meeting Report
16-009	04-29-2016	Roy McClellan	Airbus Comments on 16-005
16-010	04-29-2016	Mac Hartless	Harris Comments on 16-005
16-011	04-29-2016	Josh Johnson	EF Johnson Comments on 16-005
16-012-R5	01-19-2017	Jim Eastwood	Combined Comment Matrix for 16-005
16-013	09-23-2016	Roy McClellan	Airbus Response to 16-012 Proposed Resolutions
16-014	09-23-2016	Mac Hartless	Harris Response to 16-012 Proposed Resolutions
16-015	09-23-2016	Josh Johnson	EF Johnson Response to 16-012 Proposed Resolutions
16-016	10-19-2016	Jim Eastwood	Two-Slot TDMA Control Channel Progress Report
16-017	11-17-2016	Roy McClellan	November 2016 Quorum Conference Call Notice-Agenda
16-018-R2	12-08-2016	Jim Eastwood	Two-Slot TDMA CCH Comment Resolution Status
16-019	11-30-2016	Roy McClellan	Airbus Comments on 16-018
16-020	12-01-2016	Roy McClellan	December 2016 Quorum List
16-021	12-07-2016	Roy McClellan	November 2016 Quorum Conference Call Meeting Report
16-022	12-01-2016	Roy McClellan	December 15, 2017 Working Group Conference Call Agenda
16-023	12-07-2016	Roy McClellan	December 1, 2016 Meeting Report
16-024	12-01-2016	Roy McClellan	December 1, 2016 Meeting Notice
16-025	12-15-2016	Roy McClellan	January 19, 2017 Working Group Conference Call Agenda
16-026	12-15-2016	Roy McClellan	December 15 2017 Working Group Meeting Notes
17-001-R2	01-19-2017	Jim Eastwood	Combined Comment Matrix for 16-005-R5
17-002	01-18-2017	Roy McClellan	January 19, 2017 Working Group Conference Call Agenda
17-003	01-19-2017	Roy McClellan	January 19, 2017 Working Group Meeting Notes
17-004-R2	05-10-2017	Jim Eastwood	Two-Slot TDMA Control Channel MAC Layer Specification
17-005	01-19-2017	Roy McClellan	January 2017 Meeting Notice-Agenda
17-006	01-19-2017	Roy McClellan	January 2017 Quorum List
17-007	04-05-2017	Roy McClellan	January 2017 Meeting Report
17-008	01-31-2017	Roy McClellan	January 2017 Activity Report
17-009	04-11-2017	Roy McClellan	TIA-PN-BBAD Motorola Ballot Comments
17-010	04-11-2017	Roy McClellan	TIA-PN-BBAD Ballot Summary Report
17-011-R1	05-10-2017	Jim Eastwood	TIA-PN-BBAD Ballot Comment Matrix
17-012	04-11-2017	Roy McClellan	TIA-PN-BBAD Voting Summary
17-013	04-11-2017	Roy McClellan	TIA-PN-BBAD Vote Comments
17-014	05-25-2017	Roy McClellan	June 2017 Meeting Notice-Agenda
17-015	06-20-2017	Roy McClellan	June 2017 Activity Report
17-016	07-24-2017	Roy McClellan	TIA Approved Meeting Report 2017-06-20
18-001	01-09-2018	Jim Eastwood	June 2017 Attendance Log - Next Meeting Vote Eligibility
18-002	01-12-2018	Jim Eastwood	June 2017 Meeting Report
18-003	01-12-2018	Jim Eastwood	February 2018 Meeting Notice-Agenda
18-004-R1	02-06-2018	Jim Eastwood	February 2018 Activity Report

Number	Date	Author	Subject
18-005-R2	10-16-2018	Jim Eastwood	Two-Slot TDMA Document Suite Proposal
18-006	03-05-2018	Jim Eastwood	February 2018 Attendance Log -Next Meeting Vote Eligibility
18-007	03-05-2018	Jim Eastwood	February 2018 Meeting Report
18-008	05-16-2018	Jim Eastwood	June 2018 Meeting Notice-Agenda
18-009	06-19-2018	Jim Eastwood	June 2018 Activity Report
18-010	06-26-2018	Jim Eastwood	June 2018 Attendance Log -Next Meeting Vote Eligibility
18-011	06-26-2018	Jim Eastwood	June 2018 Meeting Report
18-012	08-21-2018	Jim Eastwood	October 2018 Meeting Notice-Agenda
18-013-R1	04-02-2019	Jim Eastwood	TIA-102.BBAC comment matrix
18-014-R7	09-23-2019	Jim Eastwood	Two-Slot TDMA MAC Layer Specification draft proposal
18-015	10-16-2018	Jim Eastwood	Comment Template for 18-014
18-016-R1	04-16-2018	Jim Eastwood	TIA-102.BBAD comment matrix
18-017-R9	09-26-2019	Jim Eastwood	Two-Slot TDMA MAC Layer Messages draft proposal
18-018	10-16-2018	Jim Eastwood	Comment Template for 18-017
18-019	10-16-2018	Jim Eastwood	October 2018 Activity Report
18-020	11-05-2018	Jim Eastwood	October 2018 Attendance Log -Next Meeting Vote Eligibility
18-021	11-05-2018	Jim Eastwood	October 2018 Meeting Report
18-022	11-19-2018	Jim Eastwood	Motorola Comments on 18-014
19-001	01-02-2019	Jim Eastwood	February 2019 Meeting Notice-Agenda
19-002-R4	06-11-2019	Jim Eastwood	Two-Slot TDMA MAC Layer Procedures draft proposal
19-003	01-10-2019	Jim Eastwood	Editor's Notes for 19-002
19-004	01-10-2019	Jim Eastwood	Comment Template for 19-002
19-005-R1	02-05-2019	Jim Eastwood	February 2019 Activity Report
19-006	02-08-2019	Jim Eastwood	February 2019 Attendance Log -Next Meeting Vote Eligibility
19-007	02-08-2019	Jim Eastwood	February 2019 Meeting Report
19-008-R1	04-02-2019	Jim Eastwood	Combined Comments on 18-014
19-009	03-08-2019	Josh Johnson	EF Johnson Comments on 18-017
19-010	03-15-2019	Jim Eastwood	Motorola Comments on 18-007
19-011-R1	04-16-2019	Jim Eastwood	Combined Comments on 18-017
19-012-R2	04-23-2019	Mac Hartless	Harris Comments on 19-002
19-013	04-25-2019	Jim Eastwood	June 2019 Meeting Notice-Agenda
19-014-R1	05-07-2019	Mac Hartless	Harris Comments on TIA-102.BBAD
19-015	05-07-2019	Jim Eastwood	Motorola Comments on 18-017-R3
19-016-R1	06-11-2019	Jim Eastwood	Motorola Comments on 18-014-R4
19-017-R1	06-11-2019	Jim Eastwood	Motorola Comments on 18-017-R4
19-018-R1	06-11-2019	Jim Eastwood	Motorola Comments on 19-002-R3
19-019-R1	06-18-2019	Jim Eastwood	June 2019 Activity Report
19-020	06-28-2019	Jim Eastwood	June 2019 Attendance Log -Next Meeting Vote Eligibility
19-021	06-28-2019	Jim Eastwood	June 2019 Meeting Report
19-022-R2	08-27-2019	Derek Wells	Harris ballot comment on 18-017-R5
19-023	07-26-2019	Jim Eastwood	TIA-PN-102.BBAC-A Ballot Summary Report
19-024	07-26-2019	Jim Eastwood	TIA-PN-102.BBAD-A Ballot Summary Report
19-025	07-26-2019	Jim Eastwood	TIA-PN-102.BBAE Ballot Summary Report
19-026-R2	09-23-2019	Jim Eastwood	Motorola Comments on 18-014-R5
19-027	08-30-2019	Jim Eastwood	October 2019 Meeting Notice-Agenda
19-028	09-25-2019	John Evans	L3Harris Post-Ballot Comments on 18-017-R7
19-029	09-26-2019	Jim Eastwood	Motorola Post-Ballot Comments on 18-017-R7
19-030-R1	10-08-2019	Jim Eastwood	Combined Post-Ballot Comments on 18-017-R7

Number	Date	Author	Subject
19-031-R1	10-08-2019	Jim Eastwood	October 2019 Activity Report