



Approved by General Counsel

TR-8.5 Meeting Report

Date(s): 06/18/2019 - 06/18/2019

Location: Hilton Des Moines

Approved: 06/27/2019



TR-8.5 Signaling and Data Transmission

Meeting Report

19-016

Presiding: Jim Eastwood, Chairman
Date: Tuesday, June 18, 2019
Place: Hilton Des Moines

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

Participation Notice

TIA is actively seeking participation in projects from the "User" and "General Interest" communities.

Important Notice for Participation

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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.

1. Call to Order:

The Chair called the meeting to order at approximately 14:16 Central Time (Des Moines local time) and volunteered to act as secretary. The Chair indicated that all relevant documents are on the TR-8.5 FTP site.

2. Record of Attendance:

The electronic sign-in code was provided and a summary of the electronic attendance is provided later in this report. A quorum was established with 13 of 13 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 19-011. 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 June meeting agenda. John Lambrou moved, and Josh Johnson seconded, a motion to accept the June 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 19-010. The Chair then asked for a motion to accept the February meeting report. Josh Johnson moved, and Jim Downes seconded, a motion to accept the February 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 19-014 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 February meeting.

a. Disposition of ANSI/TIA-PN-102.BAIB-A Tier 1 Location Services Specification:

The Chair called the participants' attention to slide 3 and indicated that the TIA assigned project number for the 2nd Edition is ANSI/TIA-PN-102.BAIB-A and that Motorola Solutions is the document editor. The Chair also indicated that the document was published as TIA-102.BAIB-A in November 2014 and that the latest documents are in the "Tier 1 Location Service" subfolder.

The Chair provided the following summary of the February meeting: a) the document is due for ANSI 5-year review, b) the editor provided comments in comment matrix 19-002 that identify duplicated text that should be deleted to align with the rest of the document suite, five references that should be updated, and editorial cleanup of the Foreword, and c) a comment period closing April 30th was established.

The Chair indicated that the comment period closed April 30th with no additional comments and no requests for more time to review the document.

The Chair indicated that TIA recently released the 2019 Style Guide that now defines "dated" and "undated" reference methods. The "dated" method specifies a specific edition (revision) of the referenced document whereas the "undated" method identifies the edition (revision) of the referenced document at the time of publication, but the latest edition (revision) of the referenced document (including any addenda) is utilized.

The Chair indicated that comment M07 of comment matrix 19-002-R1 was revised to record proposed revisions to utilize the "undated" reference method, and was distributed June 14th. The Chair proceeded to slide 4 and indicated that the Revision B-v1 draft proposal 19-012 incorporates the proposed resolutions recorded in comment matrix 19-002-R2 and was also distributed June 14th. The Chair then indicated that the Revision B-v2 draft proposal 19-012-R1 accepts all change tracking and was distributed June 14th as well.

The Chair indicated that none of the comments is substantive and that the next step is to consider a document action which could be: a) revise, b) reaffirm, c) request an extension, d) demote to TIA only, or e) withdraw. The Chair provided a summary of each of the possible actions and indicated that the Chair recommends the participants consider approving a project for the 3rd Edition (Revision B) of the document with the proposed scope of addressing the comments identified by the editor.

Tom Hengeveld moved, and Josh Johnson seconded, a motion to open a project for Revision of ANSI/TIA-PN-102.BAIB-A Tier 1 Location Services Specification with scope of addressing the comments recorded in comment matrix 19-002-R2. The motion passed unanimously by voice vote. The Chair took an assignment to submit an Existing Project Request form to the TIA Standards Department for Revision B.

Tom Hengeveld moved, and Josh Johnson seconded, a motion to issue a Ballot for contribution 19-012-R1, Revision B-v2 draft proposal for the Tier 1 Location Services Specification 3rd Edition, with project number ANSI/TIA-PN-102.BAIB-B. The motion passed unanimously by voice vote. The Chair took an assignment to submit a Ballot Authorization form to the TIA Standards Department for the Revision B-v2 draft proposal.

b. Disposition of ANSI/TIA-PN-102.BAEB-B IP Data Bearer Service Specification:

The Chair called the participants' attention to slide 5 and indicated that the TIA assigned project number for the 3rd Edition is ANSI/TIA-PN-102.BAEB-B and that Motorola Solutions is the document editor. The Chair also indicated that the document was published as TIA-102.BAEB-B in September 2014 and that the latest documents are in the "IP Data Bearer Service" subfolder.

The Chair provided the following summary of the February meeting: a) the document is due for ANSI 5-year review, b) the editor provided comments in comment matrix 19-004 that identify 10 references that should be updated and editorial cleanup of the Foreword and clauses 1.2 and 1.3, and c) a comment period closing May 31st was established.

The Chair indicated that the comment period closed May 31st with no additional comments and no requests for more time to review the document.

The Chair indicated that TIA recently released the 2019 Style Guide that now defines "dated" and "undated" reference methods (see agenda item 6a for more details).

The Chair indicated that comment M05 of comment matrix 19-002-R1 was revised to record proposed revisions to utilize the "undated" reference method, and was distributed June 14th. The Chair also indicated that the Revision C-v1 draft proposal 19-013 incorporates the proposed resolutions recorded in comment matrix 19-002-R2 and was distributed June 14th as well.

The Chair proceeded to slide 6 and indicated that none of the comments is substantive and that the next step is to consider a document action which could be: a) revise, b) reaffirm, c) request an extension, d) demote to TIA only, or e) withdraw. The Chair provided a summary of each of the possible actions and indicated that the Chair recommends the participants consider approving a project for the 4th Edition (Revision C) of the document with the proposed scope of addressing the comments identified by the editor.

Tom Hengeveld moved, and John Lambrou seconded, a motion to open a project for Revision of ANSI/TIA-PN-102.BAEB-B IP Data Bearer Service Specification with scope of addressing the comments recorded in comment matrix 19-004-R2. The motion passed unanimously by voice vote. The Chair took an assignment to submit an Existing Project Request form to the TIA Standards Department for Revision C.

Tom Hengeveld moved, and John Lambrou seconded, a motion to issue a Ballot for contribution 19-013, Revision C-v1 draft proposal for the IP Data Bearer Service Specification 4th Edition, with project number ANSI/TIA-PN-102.BAEB-C. The motion passed unanimously by voice vote. The Chair took an assignment to submit a Ballot Authorization form to the TIA Standards Department for the Revision C-v1 draft proposal.

c. Work Summary:

The Chair called the participants' attention to slide 7 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:

- TCP/UDP Port Number Assignments 2nd Edition – Published as TIA-102.BAJD-A January 2019
- Packet Data Host Network Interface 2nd Edition – Published as TIA-102.BAEF-A February 2019
- Tier 2 Location Services Specification 3rd Edition – Published as TIA-102.BAJC-B March 2019
- Conventional Management Service Specification for Packet Data 2nd Edition – Published as TIA-102.BAEJ-A March 2019
- Mobile Data Peripheral Interface 2nd Edition – Published as TIA-102.BAEG-A March 2019
- Packet Data Logical Link Control Procedures 2nd Edition – Published as TIA-102.BAED-A April 2019
- Tier 1 Location Services Specification 3rd Edition – approved for ballot
- IP Data Service Specification 4th Edition – approved for ballot

The Chair indicated that the following documents are due for ANSI 5-year review in 2020:

- TIA-102.BAEB-B IP Data Bearer Service Specification (published December 2015)
- TIA-102.BAEB-A Tier 1 Location Services Specification (published December 2015)

The Chair then called the participants' attention to slides 8 and 9 for a summary of the TIA-102, TIA-902, and EDACS documents published by this subcommittee. The Chair indicated that this content is provided for informational purposes.

7. New Business:

The Chair asked if there was any new business to bring before the TR-8.5 subcommittee. None was offered.

8. Review of Current Assignments:

Participants were to review TIA-102.BAEB-A Tier 1 Location Services Specification and provide comments using comment template 19-003 by April 30th. [Complete]

Participants were to review TIA-102.BAEB-B IP Data Bearer Service Specification and provide comments using comment template 19-005 by May 31st. [Complete]

The Chair is to submit an Existing Project Request form to the TIA Standards Department for revision of project number ANSI/TIA-PN-102.BAEB-A, Tier 1 Location Services Specification. [New]

The Chair is to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot ANSI/TIA-102.BAEB-B for the Tier 1 Location Services Specification Revision B-v2 draft proposal 19-012-R1. [New]

The Chair is to submit an Existing Project Request form to the TIA Standards Department for revision of project number ANSI/TIA-PN-102.BAEB-B, IP Data Bearer Service Specification. [New]

The Chair is to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot ANSI/TIA-102.BAEB-C for the IP Data Bearer Service Specification Revision C-v1 draft proposal 19-013. [New]

9. Schedule Next Meeting:

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

10. Adjournment:

John Lambrou moved, and Josh Johnson seconded, a motion to adjourn the meeting at approximately 14:36 Central Time (Des Moines local time). The motion passed unanimously by voice vote. An electronic 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-8.5 Chair

Current Projects

TIA Project Number	Title	Status
ANSI/TIA-PN-102.BAJB-B	Tier 1 Location Services Specification	balloting
ANSI/TIA-PN-102.BAEB-C	IP Data Bearer Service Specification	balloting

TIA-102 Published Documents

TIA Number	Title	Date	Status*	
TIA-102.BAEA-C	Data Overview and Specification	December 2015	ANSI	P25
TIA-102.BAEB-B	IP Data Bearer Service Specification	September 2014	ANSI	P25
TIA-102.BAEC	Circuit Data Specification (withdrawn)	January 2010	withdrawn	
TIA-102.BAED-A	Packet Data LLC Procedures	April 2019	ANSI	P25
TIA-102.BAEE-C	Radio Management Protocols	December 2015	ANSI	P25
TIA-102.BAEF-A	Packet Data Host Network Interface	February 2019	ANSI	P25
TIA-102.BAEG-A	Mobile Data Peripheral Interface	March 2019	ANSI	P25
TIA-102.BAEJ-A	CMS Specification for Packet Data	March 2019	ANSI	P25
TSB-102.BAJA-B	Location Services Overview	November 2017	TIA	P25
TIA-102.BAJB-A	Tier 1 Location Services Specification	November 2014	ANSI	P25
TIA-102.BAJC-B	Tier 2 Location Services Specification	April 2019	ANSI	P25
TIA-102.BAJD-A	TCP/UDP Port Number Assignments	January 2019	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

TIA-902 Published Documents

TIA Number	Title	Date	Status
TSB-902.A	Wideband Data System and Standards Definition	December 2001 Reaffirmed April 2013	TIA
TSB-902.AAAA	Wideband Data System Security Services Overview Public Safety	May 2004 Reaffirmed April 2013	TIA
TSB-902.BAAA	Wideband Air Interface (WAI) Overview	May 2005 Reaffirmed April 2013	TIA
TIA-902.BAAB-A	WAI Scalable Adaptive Modulation (SAM) Physical Layer Specification	January 2009 Reaffirmed October 2013 Downgraded June 2018	TIA
TIA-902.BAAC-A	WAI Media Access Control / Radio Link Adaptation (MAC/RLA) Layer Specification	February 2007 Reaffirmed October 2013 Downgraded June 2018	TIA
TIA-902.BAAD-A	WAI SAM Radio Channel Coding Specification	December 2008 Reaffirmed October 2013 Downgraded June 2018	TIA
TIA-902.BAAE-A	WAI Logical Link Control (LLC) Layer Specification	February 2007 Reaffirmed October 2013 Downgraded June 2018	TIA
TIA-902.BAAF-A	WAI Mobility Management (MM) Layer Specification	November 2007 Reaffirmed October 2013 Downgraded June 2018	TIA
TIA-902.BAEB-A	WAI Packet Data Specification (PDS)	January 2008 Reaffirmed October 201 Downgraded June 2018	TIA
TIA-902.BBAB	WAI Isotropic Orthogonal Transform (IOTA) Physical Layer Specification	March 2003 Reaffirmed April 2013	TIA
TIA-902.BBAD	WAI IOTA Radio Channel Coding Specification	August 2003 Reaffirmed April 2013	TIA

EDACS Published Documents

TIA Number	Title	Date	Status
TSB-69.1-2	EDACS LMR System Packet Data Specification	March 1999 Reaffirmed April 2009	TIA

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	Mesa AZ 02-06-2018	Atlanta GA 06-19-2018	San Antonio TX 10-16-2018	Mesa AZ 02-05-2019	Des Moines IA 06-18-2019	Eligible to Vote at Next Meeting
(1) Codan Radio Comm.	✓	✓	✓	✓	✓	Yes
(2) E.F. Johnson Technologies	✓	✓	✓	✓	✓	Yes
(3) Etherstack	✓	✓		✓	✓	Yes
(4) FBI	✓	✓	✓	✓	✓	Yes
(5) Harris Corporation	✓	✓	✓	✓	✓	Yes
(6) Icom America Inc.	✓	✓	✓	✓	✓	Yes
(7) InterTalk Critical Info. Sys.	✓	✓	✓	✓	✓	Yes
(8) ISICSB	✓	✓	✓	✓	✓	Yes
(9) JVCKenwood Corporation	✓	✓	✓	✓	✓	Yes
(10) Motorola Solutions, Inc.	✓	✓	✓	✓	✓	Yes
(11) RELM Wireless Corporation	✓	✓			✓	Yes
(12) U.S. Coast Guard	✓	✓	✓		✓	Yes
(13) U.S. DHS OEC	✓	✓	✓	✓	✓	Yes

Non-Voting Organizations

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

Non-Voting Organizations	Mesa, AZ 02-06-2018	Atlanta, GA 06-19-2018	San Antonio, TX 10-16-2018	Mesa, AZ 02-05-2019	Des Moines, IA 06-18-2019
(1) APCO International	✓	✓		✓	✓
(2) Bird Technologies	✓	✓	✓	✓	✓
(3) Booz Allen	✓				
(4) Cobham	✓		✓		
(5) Compliance Testing, LLC	✓		✓		
(6) Dailey-Wells Comm			✓		
(7) dbSpecra	✓		✓		
(8) DHS OEC Support	✓				
(9) Fairfax County	✓				
(10) Grundy County 911	✓		✓		✓
(11) Harris County Central Tech Ser.			✓		
(12) Iowa DPS			✓	✓	✓
(13) LARICS / LACoFD	✓				
(14) Los Angeles Regional Comms	✓				
(15) Massachusetts State Police	✓				
(16) NYSP	✓	✓	✓	✓	✓
(17) PTIG	✓	✓	✓	✓	✓
(18) Softwright			✓		
(19) State of California					✓
(20) State of Indiana - IPSC				✓	
(21) State of Michigan	✓				
(22) State of South Carolina	✓		✓		✓
(23) TX DPS		✓			✓
(24) U.S. DoI	✓	✓	✓	✓	✓
(25) Zetron	✓	✓	✓		

Attendance Roster Summary

Participant	Organization	Participant	Organization
John Mistro	<i>APCO International</i>	Jerry Drobka	<i>Motorola Solutions, Inc.</i>
Donald Sloan	<i>Bird Technologies</i>	Jim Eastwood	<i>Motorola Solutions, Inc.</i>
Werner Hoepf	<i>Codan Radio Communications</i>	John Lambrou	<i>Motorola Solutions, Inc.</i>
Josh Johnson	<i>E.F. Johnson Technologies</i>	Tim Woodward	<i>Motorola Solutions, Inc.</i>
Doug Chapman	<i>Etherstack</i>	Maribel Martinez-Bradwell	<i>NYSP</i>
Richard Massie	<i>FBI</i>	Stephen Nichols	<i>PTIG</i>
Chris Kindelspire	<i>Grundy County 911</i>	Jim Holthaus	<i>Relm Wireless Corp.</i>
Tom Hengeveld	<i>Harris Corporation</i>	John Lemmon	<i>State of California</i>
Harrison Reves	<i>Harris Corporation</i>	George Crouch	<i>State of South Carolina</i>
Derek Wells	<i>Harris Corporation</i>	Christie Bielby	<i>TX DPS</i>
Masaaki Takahashi	<i>ICOM America Inc.</i>	Jim Downes	<i>U.S. DHS OEC</i>
Glenn Shirley	<i>InterTalk Critical Info. Systems</i>	April O'Reilly	<i>U.S. DHS OEC</i>
Thomas Lamp	<i>Iowa DPS</i>	Sonia Kendall	<i>U.S. Coast Guard</i>
Chris Maiers	<i>ISICSB (State of Iowa)</i>	James Middleton	<i>U.S. Coast Guard</i>
Angelina Seay	<i>JVC Kenwood Corporation</i>	Brandon Diemer	<i>U.S. DoI</i>
Andy Davis	<i>Motorola Solutions, Inc.</i>		

Correspondence Log

Number	Date	Author	Subject
16-001-R1	01-27-2016	Jim Eastwood	January 2016 Old Business Activity Report
16-002	01-27-2016	Jim Eastwood	P25 Steering Committee Status Report
16-003	01-29-2016	Jim Eastwood	January 2016 Attendance Log - Next Meeting Vote Eligibility
16-004	03-17-2016	Jim Eastwood	January 2016 Meeting Report
16-005	03-04-2016	Jim Eastwood	June 2016 Meeting Notice-Agenda
16-006	06-07-2016	Jim Eastwood	June 2016 Activity Report
16-007-R1	01-31-2017	Jackson Chan	Airbus Comments on TSB-102.BAJA-A
16-008	12-20-2016	Jim Eastwood	January 2017 Meeting Notice-Agenda
17-001	01-31-2017	Jim Eastwood	January 2017 Activity Report
17-002	01-31-2017	Jim Eastwood	Eastwood Nomination for Chair
17-003	01-31-2017	Jim Eastwood	Eastwood Support Letter for Chair
17-004	02-18-2017	Jim Eastwood	January 2017 Attendance Log - Next Meeting Vote Eligibility
17-005	02-18-2017	Jim Eastwood	January 2017 Meeting Report
17-006-R1	06-16-2017	Jim Eastwood	June 2017 Meeting Notice-Agenda
17-007	05-17-2017	Jim Eastwood	Motorola Errata Comments on TSB-102.BAJA-A
17-008-R1	07-26-2017	Jim Eastwood	Combined Errata Comments on TSB-102.BAJA-A
17-009	05-17-2017	Jim Eastwood	Location Services Overview Revision B-v1 Draft Proposal
17-010	05-17-2017	Jim Eastwood	Template for Comments on 17-009
17-011	06-20-2017	Josh Johnson	EF Johnson Errata Comments on TIA-102.BAJC-A
17-012	06-20-2017	Jim Eastwood	Motorola Errata Comments on TIA-102.BAJC-A
17-013	06-20-2017	Jim Eastwood	Template for Errata Comments on TIA-102.BAJC-A
17-014-R1	07-27-2017	Jim Eastwood	June 2017 Activity Report
17-015	08-07-2017	Jim Eastwood	June 2017 Attendance Log - Next Meeting Vote Eligibility
17-016	08-07-2017	Jim Eastwood	June 2017 Meeting Report
17-017-R1	08-29-2017	Jim Eastwood	TIA-PN-102.BAJA-B Ballot Summary Report
17-018-R1	08-29-2017	Jim Eastwood	TIA-PN-102.BAJA-B Ballot Comment Matrix
17-019-R1	09-18-2017	Jim Eastwood	October 2017 Meeting Notice-Agenda
17-020	10-18-2017	Jim Eastwood	October 2017 Activity Report
17-021-R1	01-10-2018	Jim Eastwood	Combined Errata Comments on TIA-102.BAJC-A
17-022	10-18-2017	Jim Eastwood	Tier 2 Location Services Specification Revision B-v1 -Changes
17-023	10-18-2017	Jim Eastwood	Tier 2 Location Services Specification Revision B-v1
17-024	10-18-2017	Jim Eastwood	Template for Comments on 17-023
17-025	10-18-2017	Jim Eastwood	Template for Errata Comments on TIA-102.BAJD
17-026	10-18-2017	Jim Eastwood	Template for Errata Comments on TIA-102.BAEG
17-027-R1	01-08-2018	Jim Eastwood	October 2017 Attendance Log - Next Meeting Vote Eligibility
17-028	10-26-2017	Jim Eastwood	October 2017 Meeting Report
17-029-R2	06-26-2018	Ben Wells	Harris Errata Comments on 17-023
18-001	01-10-2018	Jim Eastwood	February 2018 Meeting Notice-Agenda
18-002	02-06-2018	Jim Eastwood	Template for Errata Comments on TIA-102.BAEJ
18-003	02-06-2018	Jim Eastwood	February 2018 Activity Report
18-004	03-05-2018	Jim Eastwood	February 2018 Attendance Log -Next Meeting Vote Eligibility
18-005	03-05-2018	Jim Eastwood	February 2018 Meeting Report
18-006	05-14-2018	Jim Eastwood	June 2018 Meeting Notice-Agenda
18-007	05-16-2018	Jim Eastwood	Motorola Errata Comments on TIA-102.BAEJ
18-008-R1	06-26-2018	Jim Eastwood	Combined Errata Comments on TIA-102.BAEJ
18-009	05-16-2018	Jim Eastwood	CMS for Packet Data Revision A-v1 - Changes

Meeting Report

TR-8.5 Signaling and Data Transmission

19-016

Number	Date	Author	Subject
18-010	05-16-2018	Jim Eastwood	CMS for Packet Data Revision A-v1
18-011	05-16-2018	Jim Eastwood	Template for Comments on 18-010
18-012-R1	06-26-2018	Jim Eastwood	Motorola Comments on TIA-102.BAEG
18-013	05-21-2018	Jim Eastwood	Mobile Data Peripheral Interface Revision A-v1 - Changes
18-014-R1	09-17-2018	Jim Eastwood	Mobile Data Peripheral Interface Revision A-v2
18-015	05-21-2018	Jim Eastwood	Template for Comments on 18-014
18-016-R1	06-26-2018	Jim Eastwood	Motorola Errata Comments on TIA-102.BAJD
18-017	05-21-2018	Jim Eastwood	TCP-UDP Port Number Assignments Revision A-v1 - Changes
18-018-R2	08-21-2018	Jim Eastwood	TCP-UDP Port Number Assignments Revision A-v2
18-019	05-21-2018	Jim Eastwood	Template for Comments on 18-018
18-020-R1	06-26-2018	Jim Eastwood	Motorola Errata Comments on TIA-102.BAED
18-021	05-22-2018	Jim Eastwood	Packet Data LLC Procedures Revision A-v1 - Changes
18-022	05-22-2018	Jim Eastwood	Packet Data LLC Procedures Revision A-v1
18-023	05-22-2018	Jim Eastwood	Template for Comments on 18-022
18-024-R1	06-26-2018	Jim Eastwood	Motorola Errata Comments on TIA-102.BAEF
18-025	05-22-2018	Jim Eastwood	Packet Data Host Network Interface Revision A-v1 - Changes
18-026	05-22-2018	Jim Eastwood	Packet Data Host Network Interface Revision A-v1
18-027	05-22-2018	Jim Eastwood	Template for Comments on 18-026
18-028	06-08-2018	Jim Eastwood	Tier 2 Location Service Specification Revision B-v2 - Changes
18-029-R1	09-17-2018	Jim Eastwood	Tier 2 Location Service Specification Revision B-v3
18-030	06-08-2018	Jim Eastwood	Template for Comments on 18-029
18-031-R1	06-19-2018	Jim Eastwood	June 2018 Activity Report
18-032	06-26-2018	Jim Eastwood	June 2018 Attendance Log - Next Meeting Vote Eligibility
18-033	06-26-2018	Jim Eastwood	June 2018 Meeting Report
18-034	06-21-2018	Jim Eastwood	P25 Steering Committee Status Report
18-035	07-30-2018	Jim Eastwood	TIA-PN-102.BAJD-A Ballot Summary Report
18-036-R2	08-21-2018	Jim Eastwood	TIA-PN-102.BAJD-A Ballot Comment Matrix
18-037	08-21-2018	Jim Eastwood	October 2018 Meeting Notice-Agenda
18-038-R1	09-20-2018	Jim Eastwood	ANSI/TIA-102.BAJC-B Ballot Summary Report
18-039-R1	10-08-2018	Jim Eastwood	ANSI/TIA-102.BAJC-B Ballot Comment Matrix
18-040-R1	09-20-2018	Jim Eastwood	ANSI/TIA-102.BAEG-A Ballot Summary Report
18-041-R1	10-08-2018	Jim Eastwood	ANSI/TIA-102.BAEG-A Ballot Comment Matrix
18-042-R1	09-20-2018	Jim Eastwood	ANSI/TIA-102.BAEJ-A Ballot Summary Report
18-043	10-02-2018	Jim Eastwood	ANSI/TIA-102.BAED-A Ballot Summary Report
18-044	10-02-2018	Jim Eastwood	ANSI/TIA-102.BAEF-A Ballot Summary Report
18-045-R1	10-16-2018	Jim Eastwood	October 2018 Activity Report
18-046	10-17-2018	Jim Eastwood	P25 Steering Committee Status Report
18-047	11-05-2018	Jim Eastwood	October 2018 Attendance Log - Next Meeting Vote Eligibility
18-048	11-05-2018	Jim Eastwood	October 2018 Meeting Report
19-001	01-02-2019	Jim Eastwood	February 2019 Meeting Notice-Agenda
19-002-R2	06-14-2019	Jim Eastwood	Motorola Comments on TIA-102.BAJB-A
19-003	02-05-2019	Jim Eastwood	Template for Comments on TIA-102.BAJB-A
19-004-R2	06-14-2019	Jim Eastwood	Motorola Comments on TIA-102.BAEB-B
19-005	02-05-2019	Jim Eastwood	Template for Comments on TIA-102.BAEB-B
19-006-R1	02-05-2019	Jim Eastwood	February 2019 Activity Report
19-007	02-05-2019	Jim Eastwood	Eastwood Nomination for Chair
19-008	02-05-2019	Jim Eastwood	Eastwood Support Letter for Chair
19-009	02-18-2019	Jim Eastwood	February 2019 Attendance Log -Next Meeting Vote Eligibility

Number	Date	Author	Subject
19-010	02-18-2019	Jim Eastwood	February 2019 Meeting Report
19-011	04-25-2019	Jim Eastwood	June 2019 Meeting Notice-Agenda
19-012-R1	06-14-2019	Jim Eastwood	Tier 1 Location Services Specification Revision B-v2
19-013	06-14-2019	Jim Eastwood	IP Data Bearer Service Specification Revision C-v1
19-014-R1	06-18-2019	Jim Eastwood	June 2019 Activity Report