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Approved by General Counsel

TR-8.5

Meeting Date(s): 8 October 2019

Location: Fairfield Inn & Suites Charlotte Uptown – Charlotte, NC

Approved: 17 October 2019



TR-8.5 Signaling and Data Transmission Meeting Report

19-024

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 14:20 Eastern Time (Charlotte 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:

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 12 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 19-017. 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. Dwight Smith moved, and Chris Maiers 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 19-016. 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 19-020 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 ANSI/TIA-PN-102.BAJB-B Tier 1 Location Services Specification:

The Chair called the participants' attention to slide 3 and indicated that the TIA assigned project number for the 3rd Edition is ANSI/TIA-PN-102.BAJB-B and that Motorola Solutions is the document editor. The Chair also indicated that the purpose of the project is to address the comments recorded in comment matrix 19-002-R2. The Chair then indicated that the latest documents are in the "Tier 1 Location Service" subfolder.

The Chair indicated that the Revision B-v2 draft proposal 19-012-R1 was approved for ballot during the June quorum meeting. The Chair also indicated that the ballot was issued August 5th and closed September 19th. The Chair then indicated that the ballot summary report 19-018 was distributed September 25th and that the ballot was successful with no ballot comments. The Chair asked if there was a motion from the floor to publish the Revision B-v2 draft proposal.

Dwight Smith moved, and John Lambrou seconded, a motion to publish contribution 19-012-R1, Revision B-v2 draft proposal for the Tier 1 Location Services Specification 3rd Edition, as TIA-102.BAJB-B 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 19-012-R1 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 ANSI/TIA-PN-102.BAEB-C IP Data Bearer Service Specification:

The Chair called the participants' attention to slide 4 and indicated that the TIA assigned project number for the 4th Edition is ANSI/TIA-PN-102.BAEB-C and that Motorola Solutions is the document editor. The Chair also indicated that the purpose of the project is to address the comments recorded in comment matrix 19-004-R2. The Chair then indicated that the latest documents are in the "IP Data Bearer Service" subfolder.

The Chair indicated that the Revision C-v1 draft proposal 19-013 was approved for ballot during the June quorum meeting. The Chair also indicated that the ballot was issued August 5th and closed September 19th. The Chair then indicated that the ballot summary report 19-019 was distributed September 25th and that the ballot was successful with no ballot comments. The Chair asked if there was a motion from the floor to publish the Revision C-v1 draft proposal.

Dwight Smith moved, and John Lambrou seconded, a motion to publish contribution 19-013, Revision C-v1 draft proposal for the IP Data Bearer Service Specification 4th Edition, as TIA-102.BAEB-C 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 19-013 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. Work Summary:

The Chair called the participants' attention to slide 5 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:

- Tier 1 Location Services Specification 3rd Edition approved for publication
- IP Data Service Specification 4th Edition approved for publication

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

- TIA-102.BAEA-C Data Overview and Specification (published December 2015)
- TIA-102.BAEE-C Radio Management Protocols (published December 2015)

The Chair proposed a comment period closing June 5th for each document using comment templates 19-021 and 19-022 respectively.

The Chair then called the participants' attention to slides 6 and 7 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:

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

The Chair is to submit a Ballot Authorization form to the TIA Standards Department to issue Ballot ANSI/TIA-102.BAJB-B for the Tier 1 Location Services Specification Revision B-v2 draft proposal 19-012-R1. [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-B, IP Data Bearer Service Specification. [Complete]

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. [Complete]

The Chair is to submit a Publication Authorization form to the TIA Standards Department to publish contribution 19-012-R1 as TIA-102.BAJB-B Tier 1 Location Services 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 19-013 as TIA-102.BAEB-C IP Data Bearer Service Specification after allowing time for the Project 25 Steering Committee to determine the disposition of the document. [New]

Participants are to provide comments on TIA-102.BAEA-C Data Overview and Specification using comment template 19-021 by June 5th [New]

Participants are to provide comments on TIA-102.BAEE-C Radio Management Protocols using comment template 19-022 by June 5th [New]

9. Schedule Next Meeting:

The Chair indicated there is no need for a quorum meeting in February, but requested 30 minutes of meeting time on the schedule for the June meeting.

10. Adjournment:

Dwight Smith moved, and John Lambrou seconded, a motion to adjourn the meeting at approximately 14:33 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.

Current Projects

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

TIA-102 Published Documents

TIA Number	Title	Date	Stat	:us*
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	withc	lrawn
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	TIA
130-03.1-2	LDACS LIVIN System racket Data Specification	Reaffirmed April 2009	11/

Voting Organizations

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

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

Non-Voting Organizations

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

		San Antonio, TX		Des Moines, IA	·
Non-Voting Organizations	06-19-2018	10-16-2018	02-05-2019	06-18-2019	10-08-2019
(1) APCO International	✓		✓	✓	✓
(2) Bird Technologies	✓	✓	✓	✓	
(3) Compliance Testing, LLC		✓			
(4) CSI Telecommunications, Inc.					✓
(5) Dailey-Wells Comm		✓			
(6) dbSpecra		✓			
(7) Dept. of Emergency Management					✓
(8) FirstNet					✓
(9) Grundy County 911		✓		✓	
(10) Harris County Central Tech Ser.		✓			
(11) Iowa DPS		✓	✓	✓	
(12) National Sheriff's Association					✓
(13) NYSP	✓	✓	✓	✓	✓
(14) PTIG	✓	✓	✓	✓	✓
(15) Public Safety Communications, CA				✓	✓
(16) Softwright		✓			✓
(17) State of Indiana - IPSC			✓		
(18) State of South Carolina		✓		✓	✓
(19) TX DPS	✓			✓	✓
(20) U.S. Dol	✓	✓	✓	✓	✓
(21) Viavi Solutions		✓			✓
(22) Zetron	✓	✓			✓

Attendance Roster Summary

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

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		Jim Eastwood	October 2017 Activity Report
17-021-R1		Jim Eastwood	Combined Errata Comments on TIA-102.BAJC-A
17-022		Jim Eastwood	Tier 2 Location Services Specification Revision B-v1 -Changes
17-023		Jim Eastwood	Tier 2 Location Services Specification Revision B-v1
17-024		Jim Eastwood	Template for Comments on 17-023
17-025		Jim Eastwood	Template for Errata Comments on TIA-102.BAJD
17-026		Jim Eastwood	Template for Errata Comments on TIA-102.BAEG
17-027-R1		Jim Eastwood	October 2017 Attendance Log - Next Meeting Vote Eligibility
17-028		Jim Eastwood	October 2017 Meeting Report
17-029-R2	06-26-2018		Harris Errata Comments on 17-023
18-001		Jim Eastwood	February 2018 Meeting Notice-Agenda
18-002		Jim Eastwood	Template for Errata Comments on TIA-102.BAEJ
18-003		Jim Eastwood	February 2018 Activity Report
18-004		Jim Eastwood	February 2018 Attendance Log -Next Meeting Vote Eligibility
18-005		Jim Eastwood	February 2018 Meeting Report
18-006		Jim Eastwood	June 2018 Meeting Notice-Agenda
18-007		Jim Eastwood	Motorola Errata Comments on TIA-102.BAEJ
18-008-R1		Jim Eastwood	Combined Errata Comments on TIA-102.BAEJ
18-009	05-16-2018	Jim Eastwood	CMS for Packet Data Revision A-v1 - Changes

Neurobou	Data	A th a	Cubinet
Number	Date	Author	Subject
18-010		Jim Eastwood	CMS for Packet Data Revision A-v1
18-011		Jim Eastwood	Template for Comments on 18-010
18-012-R1		Jim Eastwood	Motorola Comments on TIA-102.BAEG
18-013		Jim Eastwood	Mobile Data Peripheral Interface Revision A-v1 - Changes
18-014-R1	-	Jim Eastwood	Mobile Data Peripheral Interface Revision A-v2
18-015		Jim Eastwood	Template for Comments on 18-014
18-016-R1		Jim Eastwood	Motorola Errata Comments on TIA-102.BAJD
18-017		Jim Eastwood	TCP-UDP Port Number Assignments Revision A-v1 - Changes
18-018-R2	-	Jim Eastwood	TCP-UDP Port Number Assignments Revision A-v2
18-019		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		Jim Eastwood	October 2018 Meeting Notice-Agenda
18-038-R1	•	Jim Eastwood	ANSI/TIA-102.BAJC-B Ballot Summary Report
18-039-R1		Jim Eastwood	ANSI/TIA-102.BAJC-B Ballot Comment Matrix
		Jim Eastwood	ANSI/TIA-102.BAEG-A Ballot Summary Report
18-041-R1		Jim Eastwood	ANSI/TIA-102.BAEG-A Ballot Comment Matrix
18-042-R1		Jim Eastwood	ANSI/TIA-102.BAEJ-A Ballot Summary Report
18-043	•	Jim Eastwood	ANSI/TIA-102.BAED-A Ballot Summary Report
18-044		Jim Eastwood	ANSI/TIA-102.BAEF-A Ballot Summary Report
18-045-R1	•	Jim Eastwood	October 2018 Activity Report
18-046		Jim Eastwood	P25 Steering Committee Status Report
18-047		Jim Eastwood	October 2018 Attendance Log - Next Meeting Vote Eligibility
18-048		Jim Eastwood	October 2018 Meeting Report
19-001	•	Jim Eastwood	February 2019 Meeting Notice-Agenda
19-001 19-002-R2	•	Jim Eastwood	Motorola Comments on TIA-102.BAJB-A
19-003		Jim Eastwood	Template for Comments on TIA-102.BAJB-A
19-003 19-004-R2	•	Jim Eastwood	Motorola Comments on TIA-102.BAEB-B
19-004-N2 19-005	•	Jim Eastwood	Template for Comments on TIA-102.BAEB-B
19-005 19-006-R1		Jim Eastwood	February 2019 Activity Report
19-006-K1 19-007		Jim Eastwood	Eastwood Nomination for Chair
19-007	•	Jim Eastwood	
			Eastwood Support Letter for Chair
19-009	02-10-2019	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
19-015	06-28-2019	Jim Eastwood	June 2019 Attendance Log - Next Meeting Vote Eligibility
19-016	06-28-2019	Jim Eastwood	June 2019 Meeting Report
19-017	08-30-2019	Jim Eastwood	October 2019 Meeting Notice-Agenda
19-018	09-25-2019	Jim Eastwood	ANSI/TIA-PN-102.BAJB-B Ballot Summary Report
19-019	09-25-2019	Jim Eastwood	ANSI/TIA-PN-102.BAEB-C Ballot Summary Report
19-020	10-08-2019	Jim Eastwood	October 2019 Activity Report
19-021	10-08-2019	Jim Eastwood	Template for Comments on TIA-102.BAEA-C
19-022	10-08-2019	Jim Eastwood	Template for Comments on TIA-102.BAEE-C