

AEEC

Together "We Set the Standard."



Agenda Item 8

AEEC Work Program

May 14, 2020

RevB

AEEC General Session
Paul Prisaznuk
AEEC Executive Secretary

May 2020 - Meeting Summary

ARINC Standards Adopted

12

Summary 2020

- 52 Standards in work - January
- 12 Standards Adopted
- 1 Standard (overcome)
- + 2 Standards Opened
- * 41 Standards in work – May



Current APIM Project Count

- 39 Open Projects - January
- 7 Closed
- 5 Superseded
- +5 Approved
- 32 APIMs - May

* Notes: 41 Standards in Work - 15 new AEEC Project Papers, plus 26 Supplements to existing ARINC Standards

New ARINC Standards – 1st Release Summary & Plan

Number	Group	Subject	Due	APIM
green		ADOPTED IN 2020		
686	NIS	IPv6 Roadmap Document	Apr 2019	17-001
848	NIS	Broadband Network Interface for Non-Safety Services	Oct 2018	16-014
854	CSS	Next Generation Cabin Bus (ARINC 485 replacement)	Oct 2019	16-011
white		ACTIVE AND IN-WORK 2015-2020		
678	SAI	Distributed Radio Architecture for CNS Radios	Dec 2020	18-003
679	EFB	EFB Server with Aircraft Interface Device	Apr 2020	17-015
681	SAI/GAT	Timely Recovery of Flight Data (TRFD)	Oct 2020	17-005
687	NIS	Onboard Secure Wi-Fi Network Profile	Apr 2020	18-008
688	NIS	Intersystem Network Architecture Design Guidelines	Dec 2020	19-006
748	WXR	Airborne Weather Radar	May 2021	19-008A
768A	ISS	Second Generation Integrated Surveillance System (2G ISS)	May 2021	19-007
808A	CSS	Third Generation Cabin Network (3GCN) PLUS - CABIN SIDE	Apr 2022	17-012A
809A	CSS	Third Generation Cabin Network (3GCN) PLUS - SEAT SIDE	Apr 2022	17-012A
834A	EFB	EFB Aircraft Data Interface Functional (ADIF) Standard	Oct 2020	17-014A
851	SDL	eEnabled Aircraft Ground System for Managing and Distributing Software Parts	Apr 2019	16-015A
858	IPS	Internet Protocol Suite (IPS) Technical Requirements	Apr 2020	15-004A
8XX	CSS	5 th Generation Cabin Network (5GCN)	Dec 2020	18-001
8XX	CSS	Cabin Secure Media Independent Messaging	May 2021	19-004
yellow		ADDED MAY 2020:		
792A	KSAT	Ku/Ka Band Satellite Communication System with Fiber Optic Interfaces	May 2022	20-001

AEEC LOOKING AHEAD

May 2020

AEEC Executive Committee
Chairman - Robert Swanson, FedEx
Chairman-Elect - Jessie Turner, Boeing
AEEC Executive Secretary, Paul Prisaznik

May 2020

Data Link Users Forum
Co-Chairman – Brian Gleason, SWA
Co-Chairman – Steinarr Bragason, ICN

Data Link Systems
Chairman – Bob Slaughter, AAL

**Internet Protocol Suite (IPS)
for Aeronautical Safety Services**
Co-Chairman – Luc Emberger, Airbus
Co-Chairman – Greg Saccone, Boeing

**AGCS - Air/Ground
Communication Systems**
Chairman – Robert Holcomb, AAL

Cabin Systems
Chairman – Dale Freeman, DAL
Jecelin Peterson, Boeing
Fritz Urban, Airbus

Ku/Ka Band Satellite (KSAT)
Co-Chairman - Mark Sorensen, Delta
Co-Chairman - Chris Schaupmann, Airbus

Galley Inserts (GAIN)
Co-Chairman – Jon Dhondt, Boeing
Co-Chairman Christian Auris, Airbus

Systems Architecture and Interfaces (SAI)
Co-Chairman – Rich Stillwell, UAL
Co-Chairman – Reinhard Andreae, DLH

**Global Aircraft Tracking (GAT)
Timely Recovery of Flight Data (TRFD)**
TRFD Chairman Greg Moran, Boeing

Cockpit Display Systems (CDS)
Co-Chairman - Sofyan Su, Airbus
Co-Chairman – Brian Gilbert, Boeing

Application/Executive (APEX) Software
Co-Chairman – Gordon Putsche, Boeing
Co-Chairman – Pierre Gabrilot, Airbus

Navigation Data Base (NDB)
Chairman – Chuong Phung, FedEx

Traffic Surveillance
Chairman – Mohammad Ahmed, Boeing

Fiber Optics (dormant)
Chairman – Robert Nye, Boeing

GNSS (dormant)
Chairman – Julien Sanscartier, CMC

Electronic Flight Bag Users Forum
Co-Chairman – Phillip Haller, AUS
Co-Chairman – Will Ware, SWA

Electronic Flight Bag (EFB)
Chairman – David Jones, Astronautics

Network Infrastructure and Security (NIS)
Chairman – Jeffrey Rae, UAL

AOC Messaging
Chairman – Dirk Zschunke, DLH

Software Distribution and Loading (SDL)
Chairman – Ted Patmore, DAL

Weather Radar
Chairman – Mohammad Ahmed, Boeing

Aeronautical Data Bases (ADB) (dormant)
Chairman – Brian Gilbert, Boeing

AEEC's On-Line Work Program: March 2020 to Dec 2020

On-line Hours per Month (draft - estimated)

	Activity	Name	M	A	M	J	J	A	S	O	N	D	Number Mtgs	Total Hours
1	AEEC EXCOM	AEEC General Session / AEEC Mid-Term	2	1	4	1	1	1	1	4	1	1	12	17
2	AGCS	Air-Ground Communications and Satcom	0	0	1	0	0	1	0	0	1	0	3	3
3	AOC	AOC Messaging	2	2	2	15	2	2	2	2	15	2	24	46
4	APEX	Application Executive Software	10	0	0	2	0	0	4	0	0	0	6	16
5	CDS	Cockpit Display Systems	10	8	4	2	2	2	2	2	2	2	17	36
6	CSS	Cabin Systems	0	4	4	4	4	4	4	4	4	4	18	36
7	DLK Sys	Data Link Systems	2	4	2	2	15	2	2	2	2	15	24	48
8	DLK Users	Data Link Users Forum	0	1	0	1	1	0	6	0	0	1	5	10
9	EFB	Electronic Flight Bag	2	2	2	4	12	2	2	2	12	2	14	42
10	EFB Users	EFB Users Forum	1	1	1	1	1	5	1	1	1	1	11	14
11	GAIN	Galley Inserts	2	6	2	6	2	2	3	2	2	2	13	29
12	IPS	IPS for Aeronautical Safety Services	22	2	2	6	2	2	6	2	2	6	20	52
13	KSAT	Ku/Ka-Band Satellite System Cabin	2	2	2	15	2	2	2	2	15	2	24	46
14	NDB	Navigation Data Base	1	5	12	0	0	0	0	0	0	0	6	18
15	NIS	Network Infrastructure and Security	1	4	4	12	4	4	4	12	4	4	18	52
16	SAI	Systems Architecture and Interfaces (& Radio)	0	0	0	2	0	2	0	2	0	2	4	8
17	SDL	Software Distribution and Loading	0	3	3	3	3	3	3	3	3	3	18	27
18	TRFD	Timely Recovery of Flight Data	2	4	2	18	2	2	2	18	2	2	17	54
19	XPDR	Traffic Surveillance and ISS	10	3	3	3	10	3	3	3	10	3	20	48
20	WXR	Weather Radar	8	3	3	3	8	3	3	3	8	3	20	45
													294	*647

*NOTE: Normally 150 meeting days per year or 1050 hours typical

AEEEC / AMC 2021



**May 10-13, 2021
Marriott Waterfront
Tampa, Florida**

THANK YOU

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