Agenda Item 15
AEEC Work Program
May 13, 2021

AEEC General Session
Paul Prisaznuk
AEEC Executive Secretary

May 2021 - Summary

ARINC Standards Adopted

6 Standards
3 Supplements
9 Total

Summary May 2021
44 Standards in Work - January
- 9 Standards Adopted - May
+ 2 Project Papers Opened (EFB, SDL)
+ 4 Supplements Opened
* 41 Standards in Work – May

finding consensus

Current APIM Project Count
35 Open Projects - January
- 6 Closed (adoptions)
- 5 Revised scope / schedule
- 5 Superseded (cabin consolidation)
+ 5 New APIMs approved
+ 5 Updated scope / schedule
29 APIMs active - May

* Notes: 41 Standards in Work: 13 new AEEC Project Papers, plus 28 Supplements to existing ARINC Standards
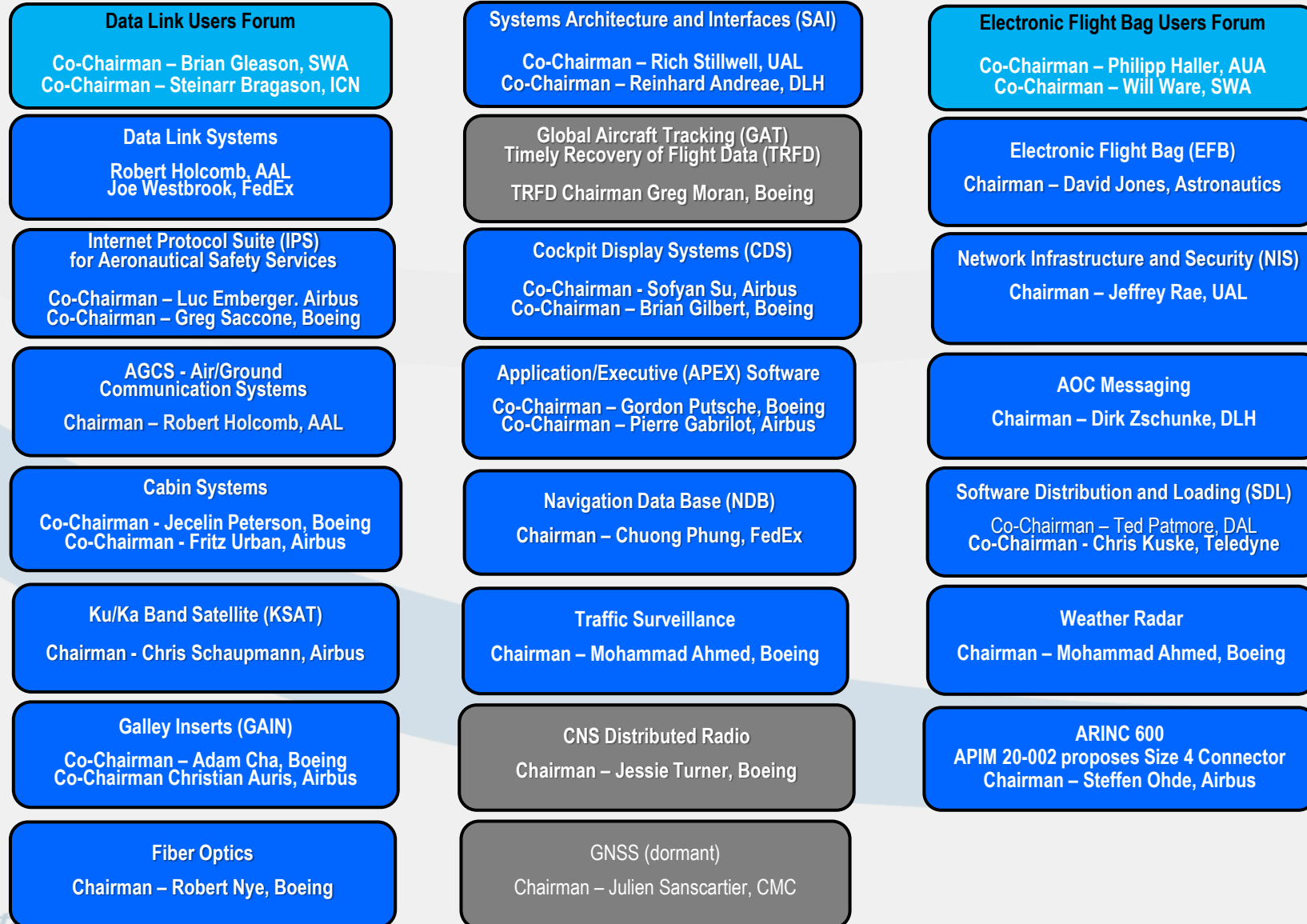
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New ARINC Standards – 1st Issue Release Summary

Number	Group	Subject	Due	APIM
green		**ADOPTED MAY 11, 2021 - TO BE PUBLISHED AS ARINC STANDARD**		
678	SAI	Distributed Radio Architecture for CNS Radios	Closed	18-003
681	SAI	Timely Recovery of Flight Data (TRFD)	Closed	17-005
687	NIS	Onboard Secure Wi-Fi Network Profile	Closed	18-008
688	NIS	Intersystem Network Integration	Closed	19-006
858P1	IPS	Internet Protocol Suite (IPS) Part 1 Technical Requirements	Supp in Work	15-004B
858P2	IPS	Internet Protocol Suite (IPS) Part 2 Gateway Considerations	Supp in Work	15-004B
white		**AEEC SUBCOMMITTEE ACTIVE AND PROJECT IN-WORK 2016-2021**		
679	EFB	EFB Server with Aircraft Interface Device	Oct 2021	17-015
735C	ACAS	Traffic Computer, ACAS-X and ADS-B Functionality	TBD 2021	19-009A
748	WXR	Airborne Weather Radar	TBD 2021	19-008A
768A	ISS	Second Generation Integrated Surveillance System (2G ISS)	TBD 2021	19-007
792A	KSAT	Ku/Ka Band Satellite Communication System with Fiber Optic Interfaces	Dec 2022	20-001
808A	CSS	Third Generation Cabin Network (3GCN) PLUS - CABIN SIDE	May 2022	17-012A
809A	CSS	Third Generation Cabin Network (3GCN) PLUS - SEAT SIDE	May 2022	17-012A
834A	EFB	EFB Aircraft Data Interface Functional (ADIF) Standard	Oct 2021	17-014A
851	SDL	eEnabled Aircraft Ground System for Managing and Distributing Software Parts	TBD 2021	16-015A
8XX	CSS	5th Generation Cabin Network (5GCN) - APIM updated May 2021	May 2025	18-001A
8XX	CSS	Cabin Secure Media Independent Messaging - APIM updated May 2021	May 2025	19-004A
yellow		**ADDED MAY 2021:**		
8XX	EFB	Electronic Flight Bag - Wireless EFB Interfaces	Apr 2023	21-002
8XX	SDL	Software Loading, System Level Guidelines	Apr 2023	21-003

AEEC Executive Committee
Co-Chairman - Jessie Turner - Boeing
Co-Chairman - Robert Swanson - FedEx
AEEC Executive Secretary - Paul Prisaznuk

May 2021

May 2021

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

Data Link Systems
Robert Holcomb, AAL
Joe Westbrook, FedEx

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
Co-Chairman - Jecelin Peterson, Boeing
Co-Chairman - Fritz Urban, Airbus

Ku/Ka Band Satellite (KSAT)
Chairman - Chris Schaupmann, Airbus

Galley Inserts (GAIN)
Co-Chairman – Adam Cha, Boeing
Co-Chairman Christian Auris, Airbus

Fiber Optics
Chairman – Robert Nye, Boeing

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

CNS Distributed Radio
Chairman – Jessie Turner, Boeing

GNSS (dormant)
Chairman – Julien Sanscartier, CMC

Electronic Flight Bag Users Forum
Co-Chairman – Philipp Haller, AUA
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)
Co-Chairman – Ted Patmore, DAL
Co-Chairman - Chris Kuske, Teledyne

Weather Radar
Chairman – Mohammad Ahmed, Boeing

ARINC 600
APIM 20-002 proposes Size 4 Connector
Chairman – Steffen Ohde, Airbus

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AEEC LOOKING AHEAD

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AEEC Mid-Term Session 2021

In conjunction with
SAI Subcommittee Meeting

SAI -   Wednesday, October 6, 2021

AEEC - Thursday, October 7, 2021

All ARINC Meetings are Online
0700 / 1000 / 1600

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AEEC's On-Line Work Program: 2021 (all mtgs online)
Online Hours per Month - January thru December (hours estimated)

	Activity	Name	J	F	M	A	M	J	J	A	S	O	N	D	Number Mtgs	Total Hours
1	AEEC EXCOM	AEEC General Session / AEEC Mid-Term	1	1	1	1	4	1	1	1	1	2	1	1	12	16
2	AGCS	Air-Ground Communications and Satcom	4	2	0	2	2	2	2	0	2	2	2	2	11	22
3	AOC	AOC Messaging	12	2	2	2	2	12	4	2	2	2	2	2	17	46
4	APEX	Application Executive Software	0	2	3	2	2	2	2	2	10	2	2	1	13	30
5	CDS	Cockpit Display Systems	2	2	4	2	2	16	2	2	2	2	16	2	19	54
6	CNS Radio	CNS Distributed Radio Architectures	2	2	6	2	0	0	0	0	0	0	0	0	6	12
7	CSS	Cabin Systems	3	3	3	3	3	3	3	3	3	3	3	3	12	36
8	DLK Sys	Data Link Systems	12	2	4	2	4	16	4	0	4	4	2	4	22	58
9	DLK Users	Data Link Users Forum	1	8	0	0	0	1	0	1	8	0	0	1	6	20
10	EFB	Electronic Flight Bag	2	6	2	2	9	3	9	3	3	3	2	2	17	46
11	EFB Users	EFB Users Forum	1	1	1	1	1	1	12	1	1	1	12	1	16	34
12	FOS	Fiber Optic Interfaces	2	0	2	0	2	0	2	0	2	0	2	0	6	12
13	GAIN	Galley Inserts	2	3	2	2	2	2	2	2	5	2	2	2	13	28
14	IPS	IPS for Aeronautical Safety Services	12	2	12	2	2	2	12	2	2	2	12	2	20	64
15	KSAT	Ku/Ka-Band Satellite System Cabin	10	4	4	2	4	8	4	0	4	4	4	10	18	58
16	NDB	Navigation Data Base	0	0	0	0	0	0	0	0	0	12	0	0	4	12
17	NIS	Network Infrastructure and Security	12	4	4	4	0	2	2	2	2	2	2	2	14	38
18	SAI	Systems Architecture and Interfaces	0	2	0	0	0	2	0	1	0	2	0	0	4	7
19	SDL	Software Distribution and Loading	3	3	3	3	3	3	3	3	3	3	3	3	24	48
20	TRFD	Timely Recovery of Flight Data	2	2	2	2	0	0	0	0	0	0	0	0	4	8
21	XPDR	Traffic Surveillance and ISS	3	5	10	3	2	10	3	3	10	3	3	3	23	58
22	WXR	Weather Radar	3	3	8	3	3	8	3	3	8	3	3	8	24	56
23	ARINC 600	ARINC 600 Size 4 Connector Definition	2	0	2	0	2	0	2	0	2	0	2	0	6	12
															311	775

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THANK YOU

FOR YOUR SUPPORT

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BACKUP SLIDE

Past Performance - ARINC 2020 Summary

ARINC Standards Adopted

12 May
+1 Oct
13 Total

Summary 2020
52 Standards in work - January
- 12 Standards Adopted - May
- 1 Standard (overcome - 768 1G ISS)
+ 2 Standards Opened (631-9, 792A)
41 Standards in work – May
+3 Standards Opened - October
* 44 Standards in work - October

Current APIM Project Count
39 Open Projects - January
- 6 Closed May
- 5 Superseded (A => B version)
+5 Approved May
33 APIMs - May
+2 Approved October
35 APIMs - October

* Notes: 44 Standards in Work - 15 new AEEC Project Papers, plus 29 Supplements to existing ARINC Standards

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