



To Cabin Systems Subcommittee **Date** June 17, 2022

From Marijan Jozic
marijan.jozic@sae-itc.org
tel +31.623.977.556 **Reference** 22-999/SMA-278 lth

Subject Meeting Announcement
Cabin Systems Subcommittee (CSS)

Industry Co-Chairs Jecelin Peterson, Boeing
Klaus-Friedrich Urban, Airbus

When July 26, 2022

Meeting Times	US Pacific	US Eastern	Central European
Start	0700	1000	1600
Adjourn	0900	1200	1800

Host This meeting will be 100% virtual. Details to be provided to those who register.

Instructions Please notify ARINC Industry Activities of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Marijan Jozic. Any material to be circulated prior to the meeting should be submitted via e-mail to Marijan Jozic by **July 22, 2022**.

A detailed agenda will be provided one week prior to the meeting.

Activity Scope The scope of the activity is to develop standard interfaces that will provide airlines with freedom of choice in the installation and expansion of cabin equipment. Cabin telecommunications, cabin networks, interface protocols, and connector standardization are also a part of this activity.

Meeting Objectives

The CSS will meet to develop new standards and improvements for several existing standards. The following documents will be developed, discussed, or reviewed at the CSS meeting, pending completion of action items:

- **ARINC Specification 628:**
Continue work on APIM 21-005 in **Supplement 8 to ARINC Specification 628: Cabin Equipment Interfaces, Part 1, Cabin Management and Entertainment System – Peripherals**
 - Continue work to define multi-gigabit CWAPs
 - Continue work to define cabin and cargo video surveillance systems
 - Continue work to define cabin IFE cell phone modems
- **ARINC Specification 800 supplement 3:**
Discuss high-speed connectors for potential inclusion in **Supplement 3 of ARINC Specification 800: Cabin Connectors and Cables, Part 2, Specification of Connectors, Contacts, And Back shells.**
- **ARINC Specification 800 Supplement 2:**
Define cables specific to 100BASE-T1 and 1000BASE-T1 in **Supplement 2 of ARINC Specification 800: Cabin Connectors and Cables, Part 3, Specification of Cables.**
- **ARINC Specification 664 Supplement 4:**
Continue work on **Supplement 4 to ARINC Specification 664: Aircraft Data Network, Part 2, Ethernet Physical and Data Link Layer Specification** to include the physical and data layer for Ethernet based on IEEE 802.3 (100BASE-T1) and IEEE 802.3 bp (1000BASE-T1) interface for commercial aircraft.
- **APIM 17-012A:**
Continue work on APIM 17-012A to incorporate enhancements to the 3GCN architecture creating enhanced system capabilities that are applicable to multiple aircraft models. The work will culminate in two new standards:
ARINC Project Paper 808A: (3GCN – Cabin Distribution System)
ARINC Project Paper 809A: (3GCN Seat Distribution System)
- **ARINC Project Paper 8XX Draft 1:**
Review inputs for **Draft 1 of ARINC Project Paper 8XX: Fifth Generation Seat Networks (5GCN) – (APIM 18-001A).**
- **APIM 19-004A**
Review progress on APIM 19-004A to define Cabin Secure Media Independent Messaging for configuration and control of cabin components and systems.

cc

SAI Subcommittee