



To Cabin Systems Subcommittee **Date** December 10, 2019

From Scott Smith **Reference** 19-999/SMA-158 kpp
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Subject **Meeting Announcement**
Cabin Systems Subcommittee (CSS)

Chairman Dale Freeman, Delta Air Lines

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

When February 4-6, 2020
(Tuesday – Thursday, 0900 to 1700)

Host Airbus is hosting the CSS meeting and arranged for the meeting space.

Where Meeting Location
The Battle House Renaissance Hotel
29 N Royal St.
Mobile, Alabama 36602
USA
<http://renaissance-hotels.marriott.com/battle-house-renaissance-mobile-hotel-spa>
Tel: +1 (215) 338-2000.
Fax: +1 (215) 338-5428

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 Scott Smith.

Comments or questions regarding any of the agenda items are invited. If you wish any material to be circulated prior to the meeting, please submit your proposals via e-mail to Scott Smith by **January 24, 2020**.

Note: This meeting announcement provides venue and hotel information. A detailed agenda will be provided 30 days 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:

- **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
- Review inputs intended for **Supplement 4 to ARINC Specification 628:** *Cabin Equipment Interfaces, Part 5, Cabin Electrical Equipment and Wiring Installation Guidelines*. This project will update the document to remove unnecessary cable protection requirements.
- Define connectors specific to 100BASE-T1 and 1000BASE-T1 in **Supplement 2 of ARINC Specification 800:** *Cabin Connectors and Cables, Part 2, Specification of Connectors, Contacts, And Backshells*.
- 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*.
- Review **Supplement 1 to ARINC Specification 800:** *Cabin Connectors and Cables, Part 4, Standard Test Methodology* to update descriptions of test equipment and use cases.
- Initiate work on:
 - **ARINC Project Paper 808A:** *(3GCN – Cabin Distribution System)*
 - **ARINC Project Paper 809A:** *(3GCN Seat Distribution System)*
 - APIM 17-012A authorizes work to incorporate performance enhancements to the 3GCN architecture creating a 3GCN Plus architecture that is applicable to multiple aircraft models
- Review Draft 3 of **ARINC Project Paper 854:** *Cabin Equipment Network Bus* to define implementation of 2-wire Ethernet bus for in-seat equipment.
- Review inputs for Draft 1 of **ARINC Project Paper 8XX:** *Fifth Generation Seat Networks (5GCN) – (APIM 18-001)*.
- Add high-speed (900 baud vs. 115 kbaud) definitions in these documents:
 - **Supplement 4 to ARINC Specification 485:** *Cabin Equipment Interfaces, Part 1, Head End Equipment Protocol*
 - **Supplement 5 to ARINC Specification 485:** *Cabin Equipment Interfaces, Part 2, Physical Layer – In-Seat Protocol*

**Travel
Information**

The meeting site is 30 miles (75 km) from the Mobile Regional Airport (MOB).

The airport is served by connections flights for American Airlines, Delta Air Lines, and United Airlines.

Several rental car companies are located at the airport. Parking at the Battle House Renaissance hotel is by valet parking only for ~\$19 USD daily. Street parking is available, as well as several daily-rate parking garages.

cc

SAI Subcommittee

Attachment 1

ARINC CSS – February 2020 Meeting Mobile / Alabama / US

Feb 4th – 6th, 2020

**The Battle House
Renaissance Mobile**

26 N Royal St, Mobile, AL
36602, Vereinigte Staaten

