



To Cabin Systems Subcommittee **Date** November 7, 2018

From Scott Smith **Reference** 18-999/SMA-100 lth
scott.smith@sae-itc.org
tel +1 443-221-8372

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 5-7, 2019
(Tuesday - Thursday, 0900 to 1700)

Host Carlisle Interconnect Technologies is hosting the CSS meeting and planned for the meeting space and a preferred rate at the hotel.

Where Meeting Location
Hilton St. Augustine Historic Bayfront
32 Avenida Menendez
St. Augustine, Florida 32084
Tel: +1 904-829-2277
Fax: +1 904-826-2005
Hilton St. Augustine Historic Bayfront
Carlisle Interconnect Technologies has arranged a preferred rate of \$200 USD for a single or double occupancy single suite. You may reserve your room by using the weblink provided:
<https://www3.hilton.com/en/hotels/florida/hilton-st-augustine-historic-bayfront-USTHDHF/index.html>
Alternately, you can make a reservation by calling the hotel directly and use the name "CIT" to obtain the preferred rate. The cutoff date to reserve sleeping rooms is **January 4, 2019**. Wi-Fi is complementary for guests staying at the hotel.

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

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 17, 2019**.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Scott Smith. The agenda will be finalized 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:

- **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
- Discuss Draft 1 of **ARINC Project Paper 648: Seat Production Testing** to define requirements for seat production testing
- Discuss Draft 2 of **ARINC Project Paper 820: Wireless Cabin Network** to define cabin network architectures to standardize the provisions for this equipment
- Review updated Strawman for **ARINC Project Paper 854: Cabin Equipment Network Bus** to define implementation of 2-wire Ethernet bus for in-seat equipment.
- Define connectors specific to 100BASE-T1 and 1000BASE-T1 in **Supplement 2 of ARINC Specification 800, Part 2: Specification of Connectors, Contacts, And Backshells**
- Define cables specific to 100BASE-T1 and 1000BASE-T1 in **Supplement 2 of ARINC Specification 800, Part 3: Specification of Cables**
- Develop **Supplement 1 to ARINC Specification 800, Part 4: Standard Test Methodology** to update descriptions of test equipment and use cases
- Complete work on 3GCN architecture to incorporate a 10 Gbps fiber backbone in these documents:
 - **Supplement 3 to ARINC Specification 808: 3GCN Cabin Distribution**
 - **Supplement 4 to ARINC Specification 809: 3GCN – Seat Distribution System**
- Review the updated strawman defining Fifth Generation Seat Networks (5GCN) – (APIM 18-001)

The CSS may discuss a draft APIMs to:

- Initiate work on **Supplement 4 to ARINC Specification 628: Cabin Equipment Interfaces, Part 5, Cabin Electrical Equipment and Wiring Installation Guidelines**. The intent of this APIM is to update the document to remove unnecessary cable protection requirements.
- Initiate work on to add high-speed (900 baud versus 115 kbaud) definitions in these documents:
 - **Supplement 3 to ARINC Specification 808: 3GCN Cabin Distribution**
 - **Supplement 4 to ARINC Specification 809: 3GCN – Seat Distribution System**
- Create a network protocol to agnostically interface between In-Flight Entertainment Systems (IFES) and In-Flight Connectivity Systems (IFCS). This would allow airlines to independently use the IFES and IFCS of their choosing. More details will be provided at the meeting.

Travel Information

The meeting site is:

- 55 miles (88 km) from the Jacksonville, Florida Airport (JAX)
- 60 miles (96 km) from the Daytona Beach, Florida Airport (DAB)
- 125 miles (200 km) from the Orlando International Airport (MCO)

Parking at the hotel is valet only, \$25 USD a night with in/out privileges. There is a city parking garage that is a 10-minute walk from the hotel. There is limited parking on the street.

See Attachment 1 for more information.

cc

SAI Subcommittee

Attachment 1



CSS Conference

St. Augustine, FL February 5th – 7th, 2019



Hilton St. Augustine Historic Bayfront

- Located in downtown St. Augustine
- 3 Airport options
 - 1 hr drive from Jacksonville
 - 1 hr drive from Daytona Beach
 - 5 min drive from St Augustine
 - [Hotel Location Link](#)
- \$200/night (Peak time of year!)
 - Breakfast not included
- Reservation Cutoff = 1/4/19
- Valet Parking Only (\$25/night)
 - City parking options available
- [Signup Link](#)
 - Use Group Code: CIT



Hilton St. Augustine Historic Bayfront

- St Augustine is oldest city in USA
- Popular Sites
 - Castillo de **San Marcos** – 10 min walk
 - Lighthouse & Maritime Museum – 5 min drive
 - **St. George Street Free** – 10 min walk
- Restaurants are all walking distance

