



**To** SAI Subcommittee **Date** April 20, 2021  
**From** P. J. Prisaznuk **Reference** 21-999/SMA-222 lth  
AEEC Executive Secretary  
pjp@sae-itc.org  
tel: 1-443-254-0528

**Subject** Meeting Announcement  
Systems Architecture and Interfaces (SAI) Subcommittee

**SAI Chairmen** Rich Stillwell, United Airlines  
Reinhard Andreae, Lufthansa

**Host** ARINC Industry Activities

**When** SAI Subcommittee – Wednesday, June 9, 2021  
Meeting schedule:

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

**Where** This meeting will be conducted online. Details to be provided.

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

AEEC meetings are open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk before May 31, 2021.

## **SAI Meeting Objectives**

### **SAI Subcommittee Meeting**

The Systems Architecture and Interfaces (SAI) Subcommittee will discuss avionics system-level guidelines intended for new airplanes and major retrofit programs. It will discuss emerging Communication, Navigation, and Surveillance (CNS) equipment.

### **ICAO Integrated Communication, Navigation, Surveillance, and Spectrum (ICNSS) Task Force Report**

ICAO has convened the ICNSS-TF to prepare recommendations for improved Standards and Recommended Practices (SARPs) development and to prepare roadmaps for ICNSS technical evolution. An interim progress report will be provided.

### **Future Radio Architectures for CNS/ATM**

The SAI Subcommittee will consider next steps following the planned approval of **ARINC Report 678: *Communication, Navigation and Surveillance, (CNS) Radio System Architectures.***

### **5G Telephony Impact on Aircraft**

The SAI Subcommittee will continue its discussion of 5G terrestrial communication plans and potential impact to the radio altimeter. Satellite communication systems may also be susceptible to 5G signals. A status report will be provided.

### **Proposals to Initiate/Modify ARINC Standards**

The SAI Subcommittee will consider several project requests for activities expected to take place during 2021 through 2023. These include:

- APIM 19-xxx – ARINC 653 Software Interface – Supplements
- APIM 21-xxx – Software Distribution and Loading
- APIM 21-yyy – Cabin
- Others to be announced

The work program for 2021 through 2023 will be presented and discussed.

**cc**

APEX, CSS, SDL