



To SAI Subcommittee **Date** May 21, 2020

From P. J. Prisaznuk
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tel: 1-443-254-0528 **Reference** 20-999/SMA-172 lth

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

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

Host **ARINC Industry Activities**

When **Thursday, June 25, 2020**

Web conference schedule:

Meeting Times	US Pacific	US Eastern	Central European
Start	0700	1000	1600
Adjourn	900	1200	1800

Where This meeting will be 100% virtual. Details to be provided.

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

This meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk before June 15, 2020. The agenda and web conference instructions will be distributed one week prior to the meeting.

Meeting Objectives **SAI 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 Global Aeronautical Distress and Safety System (GADSS)

The Timely Recovery of Flight Data (TRFD) Working Group will provide a summary report. The impact Autonomous Distress Tracking (ADT) and TRFD on the airlines and aircraft manufacturers will be discussed.

Future Radio Architectures for CNS/ATM

The SAI Subcommittee will review status of **ARINC Project Paper 678: *Communication, Navigation and Surveillance (CNS) Radio System Architectures*** and plan future work.

5G Telephony Impact on Aircraft

The SAI Subcommittee will continue its discussion of 5G terrestrial communication plans and potential impact to the aircraft. For example, the Radio altimeter may be susceptible. Likewise, satellite communications may be impacted by emerging 5G systems such as Ligado. A status report will be provided.

APIMs

Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review any draft proposals that may lead to the development of new ARINC Standards. Proponents are invited to secure a place on the SAI agenda and present their APIM via web conference.