To	SAI Subcommittee	**Date**	December 8, 2020
From	P. J. Prisaznuk AEEC Executive Secretary pjp@sae-itc.org tel: 1-443-254-0528	**Reference**	20-999/SMA-199 lth

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, February 10, 2021**
Web conference schedule:

Meeting Times	US Pacific	US Eastern	Central European
Start	0700	1000	1600
Adjourn	0900	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*.

AEEC meetings are open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk before January 29, 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 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 has 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 radio altimeter. Satellite communications may be susceptible to 5G signals. A status report will be provided.

Secure Software Distribution using Digital Signatures

The Software Distribution and Loading (SDL) Subcommittee is preparing standards for data loading security using multi-factor authentication. 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 15-004B – Internet Protocol Suite (IPS) – ARINC 858
- APIM 19-004A – Cabin Secure Media Independent Messaging
- APIM 21-xxx – Aircraft Network Infrastructure
- APIM 21-yyy – Electronic Flight Bag Interfaces
- Others to be announced

The work program for 2021 through 2023 will be presented.

cc	CSS, EFB, IPS, NIS, SDL