



To SAI Subcommittee **Date** October 27, 2020
Traffic Surveillance Working Group

From Larry A. Hesterberg **Reference** 20-999/SMA-192 lth
larry.hesterberg@sae-itc.org
tel: +1-240-334-2586

Subject Meeting Announcement
Traffic Surveillance Working Group Meeting

Chairman Mohammed Ahmed, Boeing

Host ARINC Industry Activities

When Tuesday and Wednesday, November 17-18, 2020

Meeting schedule is as follows:

Meeting Times	US Pacific	US Eastern	Central European
Start	0600	0900	1500
Break	0800	1100	1700
Re-Convene	0900	1200	1800
Adjourn	1100	1400	2000

Note: November 17 will be dedicated to the development of **Supplement 5 to ARINC Characteristic 718A** and **ARINC Project Paper 735C**.

November 18 will be dedicated to **ARINC Project Paper 768A** and any remaining topics.

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 Larry A. Hesterberg before November 10, 2020. The agenda and web conference instructions will be distributed one week prior to the meeting.

**Activity
Scope**

The Traffic Surveillance Working Group will define traffic surveillance systems capable of ADS-B Out and ADS-B In (Automatic Dependent Surveillance - Broadcast) applications. It will define a Second Generation Integrated Surveillance System (2G ISS) for future aircraft.

**Meeting
Objectives**

Traffic Surveillance Working Group Meeting

The working group will review the latest drafts of the following:

- **Strawman for Supplement 5 to ARINC Specification 718A: Mark 4 ATC Transponder (ATCRBS/MODE S)**
- **Strawman for ARINC Project Paper 735C: Traffic Computer ACAS-X and ADS-B Functionality**
- **ARINC Project Paper 768A: Second Generation Integrated Surveillance System (2G ISS)**

These activities are authorized by APIM 19-007 – Second Generation Integrated Surveillance System (2G ISS) and APIM 19-009A – Update of Existing TCAS, XPDR, and ISS Standards.

Standards to be Produced

The goals of the meeting are to reach consensus on the content intended for inclusion in:

- Draft 1 of Supplement 5 to ARINC Specification 718A
- Draft 1 of ARINC Project Paper 735C
- Draft 1 of ARINC Project Paper 768A

Mature documents are expected to emerge in 2021.