



To Internet Protocol Suite (IPS) Subcommittee **Date** September 9, 2022

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tel: 1-443-254-0528 **Reference** 22-999/SMA-299 1th

Subject **Meeting Announcement**
Internet Protocol Suite (IPS) for Aeronautical Safety Services
Subcommittee

Chairmen Luc Emberger, Airbus
Greg Saccone, Boeing

Host EUROCAE

When **December 5-7, 2022**
Monday, Tuesday, and Wednesday from 0900 to 1700
Note: Joint meetings with RTCA SC-223 and EUROCAE WG-108 are planned. Participants are encouraged to attend SC-223/WG-108 meetings on Thursday and Friday, December 8-9.

Where **EUROCAE**
Le Triangle
9-23 rue Paul Lafargue
93200 Saint-Denis, France
Point of Contact:
Abinaya Kannan
tel: +33 1 49 46 19 65
Abinaya.Kannan@eurocae.net
website: www.eurocae.net

Hotels There is a good selection of hotels available near the Paris Metro system with access to EUROCAE.

Instructions Please notify ARINC Industry Activities of your intention to attend by registering online at: <https://aviation-ia.sae-itc.com/forms/meeting-registration-form>.

The meeting is open to all interested parties. Those wishing to have time on the agenda should have their comments prepared in writing. The agenda will be finalized one week before the meeting.

**Activity
Scope**

The IPS Subcommittee is leading the development of industry standards for the Internet Protocol Suite for aeronautical safety services. This includes airborne, ground-based and space-based communication systems. It is coordinating aviation Standards Development Organizations (SDOs), Air Navigation Service Providers (ANSPs), and others with an interest. This activity is authorized by APIM 15-004B.

**Meeting
Objectives**

The purpose of this meeting is review inputs to **ARINC Specification 858: *Internet Protocol Suite (IPS) for Aeronautical Safety Services***

Topics of discussion are as follows:

- ATN/IPS Standardization timelines with ICAO, RTCA, EUROCAE
- Security Harmonization in MASPS and ARINC 858
- ARINC 858 Part 1, Supplement 1
 - ATN/IPS Functional Requirements
 - Mobility and Multilink
 - Header Compression
 - Number of Session
 - Airborne IPS System Security Policy
 - Security Event Logging
 - Key Management
 - Certificate Revocation Check
 - IPv6 addressing
- ARINC 858 Part 2, Supplement 1
 - ACARS to IPS interface
 - IPS Gateway
 - Proxy Addresses
- ARINC 858 Part 3, Common Radio Interface
 - Common IPS Radio Interface (CIRI) Protocol

**Travel
Information**

Using Paris Metro System

Take the RER B line to La Plaine, Stade de France station. Out of the RER station in direction of Stadium, immediately to the left, there is only one building between the soccer field and the RER tracks, just a 2-minute walk.

Connecting from CDG Airport

Travel to and from Charles de Gaulle airport is approximately 35 minutes. Take the RER B line to La Plaine, Stade de France station. Avoid using the direct train to Gare du Nord, which skips La Plaine station. That will add 15 minutes (1 station to La Plaine, direction CDG).

Connecting from ORY Airport

Travel to and from Paris Orly airport is approximately 50 minutes. From Orly airport take the Orly Bus or Orlyval train to RER B/Antony station. Then continue with RER B to La Plaine, Stade de France.

Connecting from Gare du Nord

It is 15 minutes to EUROCAE (1 station to La Plaine, direction CDG).

Driving Your Car

If you are driving to EUROCAE offices, four parking spots marked EUROCAE are available same building Level 2 on first-come, first-served basis. Please ring the bell at the parking entrance.

cc

AGCS, DLK, KSAT, SAI