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**To** IPS Subcommittee **Date** November 7, 2018

**From** P. J. Prisaznuk  
AEEC Executive Secretary  
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tel: 1-240-334-2579 **Reference** 18-999/SMA-097 lth

**Subject** **Meeting Announcement**  
**Internet Protocol Suite (IPS) Subcommittee – Cocoa Beach**

**Chairmen** Greg Saccone, Boeing | Luc Emberger, Airbus

**When** **January 29-31, 2019**  
Tuesday, Wednesday, and Thursday from 0900 to 1700  
Participants should schedule their return travel for Friday

**Where** **Courtyard by Marriott**  
3435 North Atlantic Avenue  
Cocoa Beach, Florida 32931-3268  
  
Courtyard by Marriott Cocoa Beach website: [www.marriott.com/MLBCB](http://www.marriott.com/MLBCB)  
Hotel telephone: 1-321-784-4800  
  
A block of sleeping rooms has been reserved for the IPS Subcommittee. Please take advantage of the discount rate of \$165 plus applicable taxes. When booking your room reservation online, please be sure to use the link provided below:  
  
*Book your group rate for ARINC*  
  
Important: The cutoff date to obtain the discount rate of \$165 is **January 4, 2019**.

**Instructions** Please notify ARINC Industry Activities of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>.  
  
The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to 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 initiated by APIM 15-004A.

## Meeting Objectives

### IPS Subcommittee Meeting in Cocoa Beach

The purpose of this meeting is review inputs to **ARINC Project Paper 858: Internet Protocol Suite (IPS) for Aeronautical Safety Services – Technical Requirements**.

Topics of discussion are as follows:

- ATN/IPS Ground System Considerations
- IPS Gateway Interface Definition
- Mobility Considerations
- Network Authentication and Data Security
- Compression and Encapsulation
- Message Segmentation
- Airborne Architecture Alternatives
- Airborne Implementation Options
- Transition period during which ACARS, ATN/OSI, and IPS will co-exist
- ATN/IPS Standardization timelines with ICAO, RTCA, EUROCAE, etc.

A plan to develop **Supplement 1 to ARINC Report 658: Internet Protocol Suite (IPS) for Aeronautical Safety Services – Roadmap Document** will be discussed.

The goal is to reach consensus on the organization and high-level content of ARINC Project Paper 858.

## Travel Information

### Hotel Directions and Transportation

The Marriott Courtyard Cocoa Beach is located 50 miles east of the Orlando, Florida Airport. A rental car or van service is recommended.

#### Orlando International Airport (MCO)

Distance from hotel: 50 miles

Drive time: 1 hour

Directions: Take SR 528 East (Bee Line) for 40 miles until it becomes A1A South at Port Canaveral. Drive 5 miles South on A1A to the hotel on the left.

Note: SR 528 is a toll road. Plan on having cash or SunPass in your rental car.

#### Melbourne International (MLB)

Distance from hotel: 25 miles

Drive time: 40 minutes

Directions: Follow NASA Boulevard to US-1 North and SR 404 (Pineda Causeway). Turn left on A1A and drive 8 miles North to the hotel on the right.

#### Van Services Between Orlando and Cocoa Beach

<http://www.cbshuttle.com/cocoa-beach-rates.htm>

<https://www.atcmco.com/index.html>

<http://www.cocoabeachshuttle.net/>

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AGCS, DLK, NIS, SAI