



To Ku and Ka Band Satcom Subcommittee **Date** November 26, 2018

From José Godoy **Reference** 18-999/SMA-101 kpp
jose.godoy@sae-itc.org
Tel +1 (240) 334-2583

Subject **Meeting Announcement**
Ku and Ka Band Satellite Communications Subcommittee

Co-Chairmen Chris Schaupmann, Airbus
Mark Sorensen, Delta Air Lines

When January 15-17, 2019
Tuesday through Thursday, from 0900 to 1700

Where Meeting Location
Hilton Cocoa Beach Oceanfront
1550 North Atlantic Avenue
Cocoa Beach, Florida 32931
USA
Tel: + 1 (321) 799-0003

Travel information is provided later in this AEEC meeting announcement.

Hotel The AEEC Ku and Ka Band Satellite Communications (Satcom) Subcommittee meeting will be held at the **Hilton Cocoa Beach Oceanfront**. A group rate of \$159.00 is available to those who contact the hotel before the cutoff date of **December 28, 2018**.

To book a room at the meeting hotel, call Hilton Reservations at +1 (866) 580-7402 or contact the hotel directly at +1 (321) 799-0003 on or before the cutoff date (December 28, 2018). Identify yourself as part of the "ARINC Group."

You may also book a room at the meeting hotel by using the following link:

https://secure3.hilton.com/en_US/hi/reservation/book.htm?inputModule=HOTEL&ctyhocn=CCBCHHF&spec_plan=ARINC&arrival=20190114&departure=20190118&cid=OM,WW,HILTONLINK,EN,DirectLink&fromId=HILTONLINKDIRECT

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

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact José Godoy (jose.godoy@sae-itc.org). Any material intended to be circulated

prior to the meeting should be submitted before January 7, 2019. The agenda will be finalized one week prior to the meeting.

Activity Scope The goal of this activity is to develop and maintain standards for Ku and Ka satellite communication systems that meet airline expectations. This work is being completed per APIM 16-006.

Meeting Objectives The Ku/Ka Band Satcom Subcommittee will review Draft 1 of **Supplement 3 to ARINC Characteristic 791: Mark I Aviation Ku-Band and Ka-Band Satellite Communication System, Part 1, Physical Installation and Aircraft Interfaces.**

- Mounting fittings
- Antenna location and blockage maps
- Considerations for Regional Jets (tail-mount antenna)
- Minimum agility to track satellites in taxi, approach/departure, and en route
- Guidance for waveguide installation

The Ku/Ka Band Satcom Subcommittee will also review Draft 1 of **Supplement 2 to ARINC Characteristic 791: Mark I Aviation Ku-Band and Ka-Band Satellite Communication System, Part 2, Electrical Interfaces and Functional Equipment Description.**

The goal of the meeting is to advance the development of Supplement 3 to ARINC Characteristic 791 Part 1. A mature draft of Supplement 3 to ARINC 791 Part 1 is expected to be submitted for approval at the 2019 AEEC General Session in Prague, Czech Republic.

ARINC Characteristic 792: Second-Generation Ku-Band and Ka-Band Aeronautical Mobile Satellite Earth Stations is expected to be published in 2018. The Subcommittee will consider the need for future work, the scope and schedule.

The Ku and Ka Band Satcom Subcommittee will work at updating and closing items on the Action Items list.

Travel Information Hotel Directions and Transportation

The Hilton Cocoa Beach Oceanfront Hotel is located approximately 45 miles (72.5 km) from the Orlando, Florida Airport. A rental car or a van service is recommended.

Orlando International Airport (MCO)

Distance from hotel: 45 miles Drive time: 45 minutes Directions: Take SR 528 East (Bee Line) for 40 miles until it becomes A1A South at Port Canaveral. Go 5 miles on A1A South through Cape Canaveral and into Cocoa Beach. The Hilton hotel is located 1 mile south of Ron Jon's 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: Turn left onto NASA Blvd to US 1; turn left onto US 1 North to SR 404 (Pineda Causeway). Turn right onto 404 East to Hwy A1A; turn left onto A1A North and go 8 miles. The Hilton Cocoa Beach is located on the right side of the road.

Van Services

Shuttle services between Orlando and Cocoa Beach:

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

<http://www.aroundtheclockusa.com/1601300.html>

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

cc

AGCS, SAI