



To SAI Subcommittee **Date** November 6, 2014

From P. J. Prisaznuk **Reference** 14-999/SMA-860 lth
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Subject **Meeting Announcement**
Systems Architecture and Interfaces (SAI) Subcommittee

Chairman **Bob Semar, United Airlines**

When **February 4-6, 2015**
February 4-5, from 0900 to 1700 (Wednesday and Thursday)
February 6, from 0900 to 1200 (Friday)

Where Meeting Location
Gables Engineering
247 Greco Avenue
Coral Gables, Florida 33146
Point of Contact
Anna A. Franklin
Business Development Administrator
tel: 1-305-774-4327
email: franklin@gableseng.com
www.gableseng.com

Hotels There are many hotels near Gables Engineering to meet your budget and comfort needs. A list is attached to this meeting announcement.

Instruction Please notify the Industry Activities staff of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>
Dress code for this meeting is business casual.
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.

Meeting Objectives

SAI Meeting in Miami

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare system-level guidance for equipment and services expected to be used in NextGen and SESAR airspace environments.

NextGen/SESAR Equipment and Architectures

The SAI Subcommittee will continue its discussion of NextGen and SESAR programs and the expected impact on Communication, Navigation, and Surveillance (CNS) equipment.

ARINC Report 660B: *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. Airbus is collecting inputs that will lead to an updated version of this standard. The future work program will be discussed.

ARINC Characteristic 702A: *Advanced Flight Management Computer System* was recently updated to support 4D Trajectory Based Operations. Application software functional definitions include those functions required for trajectory based operations, data link communication, and airport surface guidance. The SAI Subcommittee will consider proposals from GE Aviation and others to update ARINC 702A.

AeroMACS Avionics System Architectures

AeroMACS (Airport Mobile Access Communication System) is intended to support the future airport surface communications. Step 1 is to develop the desired airborne architecture that will meet airline needs. Step 2 is to define the desired features of AeroMACS equipment in an ARINC Standard. AeroMACS is expected to be used with Aircraft Access to SWIM (AAtS), enabling the aircraft systems and the flight crew to join in the collaborative decision making process. The SAI Subcommittee will provide guidance in this area.

Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review several APIMs that may lead to new industry activities. Proponents of a new standard are expected to present their APIMs in person.

In preparation for the AEEC General Session to be held April 27-30, 2015 in Prague, the SAI Subcommittee will consider the following:

- Global Aircraft Network
- Digital Audio Interfaces
- Cabin Equipment
- Other APIM proposals

Standards Development and Subcommittee Reports

The SAI Subcommittee will review any standards development activities of interest to assure they are achieving the objective of the airline engineering and maintenance communities.

**Travel
Information**

Gables Engineering is located about 15 minutes South of the Miami International Airport (MIA). Directions to Gables are provided for you as well as a link that takes you to Google maps so you can get directions to your hotel from the Miami International Airport.

From Miami Airport Rental Car Facility

1. Exit on 12th street 0.2 mi
2. Follow signs to Route 953 south, Le Jeune Rd 3.8 mi
3. Turn left onto Bird Avenue 0.2 mi
4. Turn right onto Ponce De Leon Blvd 0.3 mi
5. At the traffic circle, use 1st exit onto Greco Ave
6. Gables Engineering is on the right
7. Visitors parking through the gate, rear of building

**Gables Engineering
247 Greco Avenue
Coral Gables, Florida 33146**

http://maps.google.com/maps?f=d&source=s_d&saddr=MIA&daddr=247+Greco+Ave,+Miami,+FL+33146&hl=en&geocode=FSKciQEEdFdw2-ykVNkX-7rnZiDHPSopuNHix8g%3BFVCEiAEd_Fc3-yk1z-446bfZiDFQmkMbtjAWCA&mra=ls&sll=25.730768,-80.259075&sspn=0.008138,0.015353&g=247+Greco+Ave,+Miami,+FL+33146&ie=UTF8&t=h&dirflg=d&z=13

Attachment 1



MIAMI, FLORIDA HOTELS

Miami Airport Marriott

1201 N.W. LeJeune Road, Building A
Miami, FL 33126
Phone: (305) 649-5000
Website: www.marriott.com

Check-in: 3:00pm
Check-out: 12:00pm
Onsite Parking fee: \$17.00 USD daily
Valet Parking fee: \$20.00 USD daily
Distance from Gables Engineering: 4.1 miles

The Westin Colonnade

180 Aragon Avenue
Coral Gables, FL 33134
Phone: (305) 441-2600
Website: www.westincoralgables.com

Check-in: 3:00pm
Check-out: 12:00pm
Valet Parking fee: \$26.00 USD daily
Distance from Gables Engineering: 1.53 miles

Courtyard by Marriott

2501 South LeJeune Road
Coral Gables, FL 33134
Phone: (305) 443-2301
Website: www.marriott.com

Check-in: 3:00pm
Check-out: 12pm
Onsite Parking fee: \$10.00 USD daily
Offsite Parking fee: \$16.00 USD daily
Distance from Gables Engineering: 1.9 miles

Holiday Inn Coral Gables (Across From University of Miami)

1305 South Dixie Highway
Coral Gables, FL 33146
Phone: (305) 667-5611
Website: www.hicoralgables.com

Check-in: 3:00pm
Check-out: 12:00pm
Distance from Gables Engineering: 1.9 miles
Parking available

Courtyard by Marriott Hotel

2649 South Bayshore Drive
Coconut Grove, FL 33133
Phone: (305) 858-2500
Website: www.marriott.com/hotels

Check-in: 3:00pm
Check-out: 12:00 pm
Valet Parking fee: \$24.00 USD daily
Distance from Gables Engineering: 2.4 miles

Sonesta Bayfront Beach Hotel

2889 McFarlane Road
Coconut Grove, FL 33133
Phone: (305) 529-2828
Website: www.sonesta.com/coconutgrove

Check-in: 3:00pm
Check-out: 12:00pm
Valet Parking fee: \$25.00 USD daily
Distance from Gables Engineering: 1.6 miles



MIAMI, FLORIDA HOTELS

Hilton Miami Airport

5101 Blue Lagoon Drive
Miami, FL 33126
Phone: (305) 262-1000
Website: www3.hilton.com

Check-in: 3:00pm
Check-out: 12:00pm
Self Parking fee: \$15.00 USD daily
Valet Parking fee: \$20.00 USD daily
Distance from Gables Engineering: 5.9 miles

Sofitel Hotel

5800 Blue Lagoon Drive
Miami, FL 33126
Phone: (305) 264-4888
Website: www.sofitel.com

Check-in: 3:00pm
Check-out 12:00pm
Distance from Gables Engineering: 4.86 miles

Embassy Suites (Miami Int'l Airport)

3974 NW South River Drive
Miami, FL 33142
Phone: (305)634-5000

Check-in: 4:00pm
Check-out: 11:00am
Self Parking fee: \$16.00 USD daily
Valet Parking fee: \$18.00 USD daily
Distance from Gables Engineering: 5.7 miles