



To SAI Subcommittee **Date** November 15, 2016

From P. J. Prisaznuk
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tel: 1-410-212-0913 **Reference** 16-999/SMA-977 lth

Subject **Meeting Announcement**
Systems Architecture and Interfaces (SAI) Subcommittee

Chairmen **Bob Semar, United Airlines**
Reinhard Andreae, Lufthansa

When **February 14-16, 2017**
February 14-15, from 0900 to 1700 (Tuesday, Wednesday)
February 16, from 0900 to 1200 (Thursday)

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.

Instructions Please notify the Industry Activities staff 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.

Meeting Objectives

SAI Meeting in Miami

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare avionics system-level guidance for new airplanes and major retrofit programs. It will discuss NextGen and SESAR programs and the impact on Communication, Navigation, and Surveillance (CNS) equipment.

NextGen and SESAR Equipment and Architectures

The SAI Subcommittee will continue its discussion of avionics equipment and data comm services necessary for NextGen and SESAR programs

ARINC Report 660B: *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. Future work will be discussed.

ARINC Characteristic 702A: *Advanced Flight Management Computer System* is being updated by the development of Supplement 5 to support NextGen and SESAR airspace initiatives. A status report will be provided.

Global Aircraft Tracking

The SAI Subcommittee will look at various technologies that contribute to positive aircraft tracking. This may include ground-based ADS-B, space-based ADS-B, datalink services, and others. The goal is to propose solutions that can positively identify and track an aircraft with minimal impact on aircraft production and retrofit.

Software Performance and Reliability Metrics

The AEEC Executive Committee has formed a Software Metrics Working Group to investigate how qualitative measures may be applied to the software lifecycle. The initial goal is to “define the problem space”. Web conferences will lead to in-person meetings in 2017. A status report will be provided to the SAI Subcommittee.

Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review several draft APIMs leading to the development of new ARINC Standards. Proponents are invited to present their APIM in person.

In preparation for the AEEC General Session to be held May 1-4, 2017 in Milwaukee, the SAI Subcommittee will discuss the following:

- Cabin Equipment Solutions
- Data Communications Standard
- Networks and IPv6
- Software Data Loading
- Other APIM proposals

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
Website: www.embassysuites3.hilton.com

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