

To SAI Subcommittee **Date** April 15, 2010

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Subject **Meeting Announcement**
Systems Architecture Interface (SAI) Subcommittee

When **June 8-10, 2010**
Tuesday, Wednesday, from 0900 to 1700
Thursday from 900-1200

Where **Delta Air Lines Operations Center III (OC3)**
1021 N. Loop Road
Atlanta, Georgia 30354
Darell Gingrich (Host)
tel: 1-404-714-2436
email: Darell.Gingrich@delta.com
Plan to arrive at the Delta Headquarters between 0830 and 0845. Parking is limited at Delta. Please consider using a hotel shuttle or taxi. For those with cars see parking location on the map attached to this announcement. Google Map: 1021 Truck Road, Atlanta, Georgia. (Same as Loop Road on map).

Hotels There is a good selection of hotels available near Delta to suit your budget and comfort needs. A list of hotels is attached. Check with your hotel for any special rates for Delta events. Most hotels provide shuttle service to/from the terminal and the Delta headquarters. Check with the hotel for details.

Instructions Please notify ARINC of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>
Because Delta is a secure facility, all meeting participants must send the following information to Delta before May 31, 2010

1. Your name and organization
2. Dates of attendance

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.

SAI Meeting Objectives

SAI Subcommittee Meeting

The SAI Subcommittee will meet June 8-10, 2010, in Atlanta, Georgia. The purpose of the meeting is to prepare system-level guidance for emerging airspace initiatives, including NextGen and SESAR.

AEEC's Technology Plan

The first day of the meeting will be a working session to further develop the AEEC Technology Plan. The SAI Subcommittee will continue its efforts to prepare a forward-looking Technology Plan expected for a 10-year time period.

Airframe manufacturers, Airbus, Boeing, Bombardier and Embraer have each provided an in-depth NextGen/SESAR readiness briefing at the General Session held in Phoenix. This material will be used in the preparation of the AEEC Technology Plan.

4D Trajectory Operations and Flight Management

4D Trajectory Operations will be discussed as an extension of European NUP II+ and other 4D trajectory demonstration programs. Work is being done in RTCA SC-214 and EUROCAE WG85 that would potentially begin to require 4D operations using FMS in the 2018 to 2020 timeframe.

Honeywell is leading an industry drafting group that will propose a scope and schedule for developing Project Paper 702B, Flight Management Functional Definition. The document proposed is expected to specify data structures for FM functionality such as trajectory intent generation, datalink and the data interfaces necessary to communicate with external functionality such as airport surface guidance. This may be used for both new aircraft development programs and retrofit programs to equip aircraft that will operate in the NextGen and SESAR Air Traffic Systems.

Trajectory exchange with ATC will be discussed, perhaps in the form of addressed datalink communication. The need for new data link interfaces to the FM will be considered for trajectory exchange, weather, RTA, etc.

The SAI subcommittee will discuss architectural issues and review the project initiation APIM 10-009. A current copy will be presented at the meeting.

Airport Navigation Function

The SAI Subcommittee will discuss the use of airport map data and taxi guidance information to assist flight crews. One supplier suggested at the last meeting that the Airport Navigation Function should reside in the Traffic Computer. This is one architectural possibility. Others will be considered. Presentations are most welcome.

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

The map below shows location of the Delta Air Lines headquarters and area hotels. Most hotels provide van services to and from the airport terminal. Many of the hotels will also provide van services to and from Delta’s headquarters. Check with your individual hotel about these services.

From Atlanta Hartsfield-Jackson International (ATL)

Distance: 2 miles. See map attached to this announcement.

cc AEEC

AREA HOTELS - DELTA HEADQUARTERS

Name	Address	Telephone	Notes
Hilton Atlanta Airport North	1031 Virginia Ave Atlanta, GA 30354	404-767-9000	Closest to Delta
Courtyard by Marriott— Airport North	3399 International Blvd. Hapeville, GA 30354	404-559-1043	Also close to Delta
Renaissance—Airport North		404-209-9999	
Budgetel (formerly the Red Roof) Airport North	1200 Virginia Ave Atlanta, GA 30344	404-209-1800	Delta Rate
Hyatt Place—Airport North	3415 Norman Berry Drive Atlanta, GA 30344	404-768-8484	
Hampton Inn & Suites— Airport North	3450 Bobby Brown Parkway East Point, GA 30344	404-767-9300	Delta Rate Breakfast
Hilton Garden Inn--Airport North	3437 Bobby Brown Parkway East Point, GA 30344	404-477-6600	
Fairfield Inn & Suites Marriott—Airport North	1255 Walker Avenue East Point, GA 30344	404-767-5374	Breakfast
Crowne Plaza—Airport North	1325 Virginia Ave Atlanta, GA 30344	404-768-6660	

DELTA HEADQUARTERS AREA MAPS

