



To ADB Subcommittee **Date** September 28, 2015

From Peter Grau
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tel: +1-240-334-2580 **Reference** 15-999/SMA-912 lth

Subject **Meeting Announcement**
Aeronautical Databases (ADB) Subcommittee

Chairman **Brian Gilbert, Boeing**
+1 (425) 237-7720

When December 1-3, 2015
Tuesday-Thursday 0900-1700

Where Meeting Location
Hampton Inn & Suites
124 Womack Drive
Annapolis, MD 21401
Contact: Peter Grau
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Tel: +1 (240) 334-2580
Travel information is provided later in this AEEC meeting announcement.

Hotel The group rate for this meeting is \$102.00 USD, including breakfast. To book online, visit the following hyperlink:
[http://hamptoninn.hilton.com/en/hp/reservations/index.jhtml?hotel=ANMDHDX&corporateCode=560025417](http://hamptoninn.hilton.com/en/hp/reservations/index.jhtml?hotel=ANDM DHX&corporateCode=560025417)
Should you have any difficulties obtaining the preferred rate, please contact Justine Dzemyan at +1 (410) 571-0200.

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

Comments or questions regarding any of the agenda items are invited. If you wish any material to be circulated prior to the meetings, please submit your proposals by **November 15, 2015**.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Peter Grau at: peter.grau@sae-itc.org. The agenda will be finalized one week prior to the meeting.

Activity Scope This meeting will be dedicated to **ARINC Project Paper 815: *Embedded Interchange Format for Terrain and Obstacle Databases*** and corresponding changes required to **ARINC Project Paper 814: *Extensible Markup Language (XML) Encoding and Compression Standard***.

Meeting Objectives ARINC Standards are intended to compliment RTCA documents of the same subject matter. Consequently, they follow preceding RTCA developments and schedules.

The purpose of this meeting is to continue development of **ARINC Project Paper 815: *Embedded Interchange Format for Terrain and Obstacle Databases***. The goal is to align ARINC Project Paper 815 with **RTCA DO-276C: *User Requirements for Terrain and Obstacle Data*** and **RTCA DO-291C: *Interchange Standards for Terrain, Obstacle and Aerodrome Mapping Data***. This new standard is in response to AEEC Executive Committee approval of APIM 12-006.

Draft 2 development and discussion topics for ARINC Project Paper 815 include:

- Database structure
- Supplemental Data
- Dataloading
- Terrain and Obstacle index/configuration file definitions
- Terrain and Obstacle features and attribute definitions
- Terrain and Obstacle file format
- Metadata versus Data content

ARINC Specification 814: *Extensible Markup Language (XML) Encoding and Compression Standard* was developed by the XML Working Group as described in APIM 12-007. ARINC 814 defines an XML encoding and compression standard to optimize storage and processing efficiency on the aircraft side. ARINC Project Paper 815 is expected to benefit from this standard. Modifications to ARINC 814 will be made as required to support development of Project Paper 815.

Travel Information

Annapolis is served by three major airports: Washington-Dulles, Reagan National, and Baltimore-Washington. Any of these is suitable, with directions for each included below.

Baltimore-Washington International (BWI)

The Hampton Inn Annapolis is approximately 21 miles from BWI.

Exit the rental car facility on New Ridge Road to Stoney Run Road. Turn right on Stoney Run Road, and then make a left onto Aviation Boulevard (Route 170). At intersection with Dorsey Road (Route 176), exit left onto Dorsey Road. Follow Dorsey Road to exit for I-97 south (Annapolis and Bay Bridge). Turn right to take I-97/Route 3 south toward Annapolis. I-97 merges with Route 50. Continue on Route 50 East to Exit 22 – Riva Rd. Follow signs to Riva Rd. and make a right at the light onto Riva Road. At the first light, turn left onto Admiral Cochran Dr. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Dr. on the left.

Washington Reagan National (DCA)

The Hampton Inn Annapolis is approximately 35 miles from DCA.

Exit north onto the George Washington Memorial Parkway and take I-395 north across the Potomac River. Stay on I-395 until it dead ends at New York Avenue. Turn right onto New York Avenue and follow the signs for Route 50 East to Annapolis. Continue on Route 50 East to Exit 22, Aris T. Allen. Follow signs to Riva Rd. and make a right at the light onto Riva Rd. At the first light, turn left onto Admiral Cochran Dr. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Dr. on the left.

Washington-Dulles International (IAD) – (International Connections)

The Hampton Inn Annapolis is approximately 60 miles from IAD.

Take the Washington Dulles Access Road East (Route 267) toward Washington D.C. and exit on I-495 North, Capital Beltway. Drive 20 miles to US 50 East and follow signs to Annapolis. Continue on Route 50 East to Exit 22, Aris T. Allen. Follow signs to Riva Rd. and make a right at the light onto Riva Rd. At the first light, turn left onto Admiral Cochran Dr. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Dr. on the left.