



To ADB Subcommittee **Date** July 11, 2017

From Peter Grau **Reference** 17-999/SMA-018 lth
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Subject **Meeting Announcement**
Aeronautical Databases (ADB) Subcommittee

Chairman **Brian Gilbert, Boeing**
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When October 23-26, 2017
Monday-Thursday 0900-1700

Where Meeting Location
Hilton Garden Inn
305 Harry S. Truman Parkway
Annapolis, Maryland 21401
www.annapolis.hgi.com
Contact: Peter Grau
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Tel: +1 (240) 334-2580
Travel information is provided later in this AEEC meeting announcement.

Hotel The hotel group rate for this meeting is \$110.00 USD. To book online, visit the following hyperlink:
*http://hiltongardeninn.hilton.com/en/gi/reservations/index.jhtml?hotel=BWIAN
GI&groupCode=ARINC*
Should you have any difficulties obtaining the preferred rate, please contact Charlene Schutte at +1 (410) 266-9006.

Instructions 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 **October 15, 2017**.

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 The scope of this activity is to prepare two ARINC Standards, one defining a Terrain Database standard and another defining an Obstacle Database standard. The goal of standardization is to enable airlines to choose their database provider. ARINC Standards are intended to compliment RTCA documents on the same subject. Mature documents are expected in 2018.

Meeting Objectives The purpose of this meeting is to continue development of **ARINC Project Paper 813: *Embedded Interchange Format for Terrain Databases*** and **ARINC Project Paper 815: *Embedded Interchange Format for Obstacle Databases***. The goal is to reach industry consensus on these documents such that prototype validation can be completed prior to their approval in April 2018. These documents will maintain alignment with **RTCA DO-276C: *User Requirements for Terrain and Obstacle Data*** and **RTCA DO-291C: *Interchange Standards for Terrain, Obstacle and Aerodrome Mapping Data***. These developing new standards are in response to AEEC Executive Committee approval of APIM 12-006.

Development and discussion topics for ARINC Project Papers 813 and 815 include:

- Prototyping and validation (PP813 and PP815)
- Requirements and assumptions for terrain data capture (PP813)
- Data Quality Requirements (DQR) guideline appendix (PP813 and PP815)
- Model and schema annotation (PP813 and PP815)

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 813 and ARINC Project Paper 815 are expected to benefit from this standard. Modifications to ARINC Specification 814 will be made as required to support development of ARINC Project Paper 813 and ARINC 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 Hilton Garden 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 onto Riva Road. Then turn left onto Harry S. Truman Parkway. The Hilton Garden is located at 305 Harry S. Truman Parkway on the left.

Washington Reagan National (DCA)

The Hilton Garden 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 onto Riva Rd. Then turn left onto Harry S. Truman Parkway. The Hilton Garden is located at 305 Harry S. Truman Parkway on the left.

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

The Hilton Garden 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 onto Riva Rd. Then turn left onto Harry S. Truman Parkway. The Hilton Garden Inn is located at 305 Harry S. Truman Parkway on the left.