AEEC

Together "We Set the Standard."

To	ADB Subcommittee	**Date**	December 12, 2016
From	Peter Grau *peter.grau@sae-itc.org* tel: +1-240-334-2580	**Reference**	16-999/SMA-984 lth

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

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

When   March 7-9, 2017 from 0900 to 1700

Host   Elbit Systems is hosting the ADB Subcommittee meeting. They have made arrangements for the meeting space.

Where   Meeting Location:

Elbit Systems

Advanced Technology Center
1 Andrei Sakharov St.
Haifa, Israel 31053

Point of contact:

Ziv Goldenberg
email: *ziv.goldenberg@elbitsystems.com*
tel: +972-54-9995048

Please provide the following information to the Point of Contact, **Ziv Goldenberg, before February 15, 2017**:

- Full Name
- Passport number and nationality
- Company name
- Role
- Cellphone number

Travel information is provided later in this AEEC meeting announcement.

Hotel   There is a good selection of hotels available to suit your budget and comfort needs. A list of hotels is attached to this meeting announcement.

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 **February 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 2017 per APIM 12-006.
Meeting Objectives	This primary focus of this meeting is the development of **ARINC Project Paper 813:** *Embedded Interchange Format for Terrain Databases.* Draft 2 discussion topics include:

- Prototyping and validation
- Requirements and assumptions for terrain data capture
- DQR guideline appendix
- Posts per tile limits
- Model and schema annotation
- CRCs for index file

Progress of the prototyping and validation activities will be reviewed.

ARINC Project Paper 815: *Embedded Interchange Format for Obstacle Databases* will also be addressed at this meeting.

Progress of the prototyping and validation activities since the last face to face meeting will be reviewed.

Concomitant changes necessitated in the XML standard which supports these two standards will also be reviewed.

Both documents will be aligned to **RTCA DO-276C:** *User Requirements for Terrain and Obstacle Data* and **RTCA DO-291C:** *Interchange Standards for Terrain, Obstacle and Aerodrome Mapping Data*.

Inputs to Supplement 1 to **ARINC Specification 814:** *Extensible Markup Language (XML) Encoding and Compression Standard* will be discussed. ARINC 814 defines an XML encoding and compression standard to optimize storage and processing efficiency on the aircraft side.

Travel Information	Travel is best accomplished by flying into Tel Aviv International Airport, then by car or train to Haifa. The meeting will take place in the Yuval Building of the Advanced Technology Center at Elbit Systems Ltd. facility. Please see the attached map for directions.

Attachment 1

Hotels

Garden Hotel:
www.gardenhotel.co.il
Kdoshei Yasi Street 2
Hifa, Israel 31905
972 4-695-0950

Leonardo Haifa
https://www.leonardo-hotels.com/leonardo-hotel-haifa
10 David Elazar St
Haifa, Isreal 35081
855-516-1090

Golden Crown Haifa
www.goldencrown.co.il
Derech Jaffa 115
Haifa, Israel 35081
972-4-6000680

Crown Plaza Hotel
https://www.ihg.com/crowneplaza/hotels/us/en/haifa/hfail/hoteldetail?cm_mmc=GoogleMaps-_-CP-_-ISR-_-HFAIL
111 Yefe Nof St.
P.O. Box 6123
Haifa, Israel 24454
972-4-8350801

Attachment 2

Location

- Via Google maps: "Elbit Systems Ltd, Haifa, Israel"
  https://www.google.com/maps/place/Elbit+Systems+Ltd/@32.78 83208,34.9595c791,17z/data=!3m1!4b1!4m5!3m4!1s0x151dbb5d 7271f9b1:0x729dadcab9c07b20!8m2!3d32.7883208!4d34.96176 78

- Located inside the Advanced Technology Center in the south entrance to Haifa

- Building name "Yuval Building" (marked on the picture below)