



**To** SAI Subcommittee  
GAT Working Group

**Date** September 29, 2017

**From** Peter Grau  
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**Reference** 17-999/SMA-037 lth

**Subject** **Meeting Announcement**  
**Global Aircraft Tracking (GAT) Working Group**

**Chairman** **Chuck Adler, Boeing (Charles.O.Adler@Boeing.com)**

**When** November 7-8, 2017 from 0900 to 1700  
November 9, 2017 from 0900 to 1300

**Host** Airbus is hosting the GAT Working Group meeting at their facility in Hamburg, Germany.

**Where** Meeting Location  
Building 20 and 25  
Airbus Operations GmbH  
Kreetslag 10  
21129 Hamburg  
Germany  
Contact: Ahmet Senol, Airbus  
email: [ahmet.senol@airbus.com](mailto:ahmet.senol@airbus.com)  
tel: +49 40 743 73607 (office)  
+49 1511824038 (mobile)

**Airbus Security – Required of all Attendees**

Airbus is a secure facility. Participants must send an email message to Ahmet Senol before **October 25, 2017**, and include the following information:

- Your Full Name
- Organization Name and Address
- Country of Citizenship
- Passport Number
- Date and Place of Birth

A map of the Airbus campus is included. Final meeting room information for each day of this meeting at Airbus will be provided in advance of the meeting date. Travel information is provided later in this AEEC meeting announcement.

## Hotels

The Rilano Hamburg is recommended due to its proximity to the Airbus facility and availability of shuttle bus transportation.

1. The Rilano Hamburg  
Hein-Saß-Weg 40  
21129 Hamburg | Germany  
tel: + 49 40 3008 49700  
fax: + 49 40 3008 49690  
[reservations-hamburg@rilano.com](mailto:reservations-hamburg@rilano.com)

Attendees should email Reservation, Rilano Hamburg ([reservations-hamburg@rilano.com](mailto:reservations-hamburg@rilano.com)) with their request for reservations. Ask for the Airbus rate.

If you prefer to stay in the downtown area, the Empire Riverside Hotel is suggested. Please be advised that your morning commutes will be significantly longer and will involve bus and ferry transfers.

2. Empire Riverside Hotel  
Bernhard-Nocht-Straße 97  
20359 Hamburg | Germany  
tel: + 49 40 31119 70600  
fax: + 49 40 31119 70601  
[empire@hotel-hamburg.de](mailto:empire@hotel-hamburg.de)

Attendees should email Reservation, Empire Riverside Hotel ([reserierung@hotel-hamburg.de](mailto:reserierung@hotel-hamburg.de)) with their request for reservations. Ask for the Airbus rate.

## Instructions

Please notify ARINC Industry Activities 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 Chuck Adler or Peter Grau. Material intended to be circulated prior to the meeting should be submitted before **October 27, 2017**. The agenda will be finalized one week prior to the meeting.

## Meeting Objectives

### Global Aircraft Tracking Standards

The AEEC has formed the Global Aircraft Tracking (GAT) Working Group to prepare standards applicable to the ICAO Global Aeronautical Distress and Safety System (GADSS). The APIMs are as follows:

- APIM 17-004 – Autonomous Distress Tracking (ADT)
- APIM 17-005 – Timely Recovery of Flight Data (TRFD)

Several technologies may contribute to positive aircraft tracking. This includes 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.

### ICAO Global Aeronautical Distress & Safety System (GADSS)

ICAO SARPS will require GADSS on certain production aircraft with a gross weight greater than 27,000 kg.

- Normal Tracking – All flight phases – 15-minute interval
- Abnormal Tracking – 1 Minute interval
- Autonomous Distress Tracking – High data rates

Technologies for consideration include Mode S, ADS-B, ADS-C, including space-based Datalink technologies, VHF, and Satcom.

### **APIM 17-004 – Autonomous Distress Tracking (ADT)**

The goal is to define system requirements, equipment architectures, and aircraft installation standards for equipment capable of meeting ICAO GADDS requirements potentially including:

- Satcom-based tracker
- Space-based Automatic Dependent Surveillance – Broadcast (ADS-B)
- Fixed Emergency Locator Transmitter – Distress Tracker (ELT-DT)

Airlines are expected to benefit by being able to meet the forthcoming worldwide Autonomous Distress Tracking mandates in the most effective manner possible.

### **APIM 17-005 – Timely Recovery of Flight Data (TRFD)**

Future work on APIM 17-005 is anticipated as part of the overall work package. Following the ADT activity, the Global Aircraft Tracking Working Group is expected to define system requirements, equipment architectures and aircraft installation standards for equipment capable of meeting ICAO TRFD requirements potentially including:

- Automatic Deployable Flight Recorder (ADFR) installed on the aircraft which is capable of automatically deploying from the aircraft
- Flight Data Streaming (FDS) – the ability to stream flight data from the airplane while in flight

Airlines are expected to benefit by being able to meet the forthcoming worldwide TRFD mandates in the most effective manner possible.

## **Travel Information**

### **From the Hamburg Airport to the Rilano Hamburg**

Taxi: Airbus and Rilano Hotel Hamburg are approximately a 45-minute taxi ride from the Hamburg airport. Cost is 60 to 70 Euros.

For those who travel light, take the train S1 from the airport to the Hamburg Hauptbahnhof. From there use U-bahn line U3 (in direction Barmbek) to Landungsbrücken. Take ferry 62 on the River Elbe to Finkenwerder and change again to ferry 64 to the Rilano Hotel Hamburg (Ruschpark).

The ferry stop in the front of the hotel has service every 15 minutes. For downtown Hamburg restaurants and shops, take the ferry 64 to Finkenwerder and change to ferry 62 to downtown (Landungsbrücken). Travel time to downtown is 40 minutes.

### **From the Rilano Hamburg Hotel to Airbus**

Transportation from the Rilano Hamburg to the Airbus facility is available through the Airbus Shuttle (HDW/ATP). The shuttle stop is located on the road to the immediate left of the Rilano Hamburg parking lot. The shuttle stops at 7:51 AM, 8:11 AM, and 8:31 AM and will stop at the main entrance of Airbus where you will continue on the shuttle to Building 25.

The return route from Airbus to the Rilano Hamburg is attached. A detailed map of the Airbus facility is also included.

It is requested that attendees arrive early on Tuesday, November 7, 2017 to allow extra time needed for the security process. The early shuttle (7:51 AM) is recommended for this day. Ask the hotel desk for current schedule.

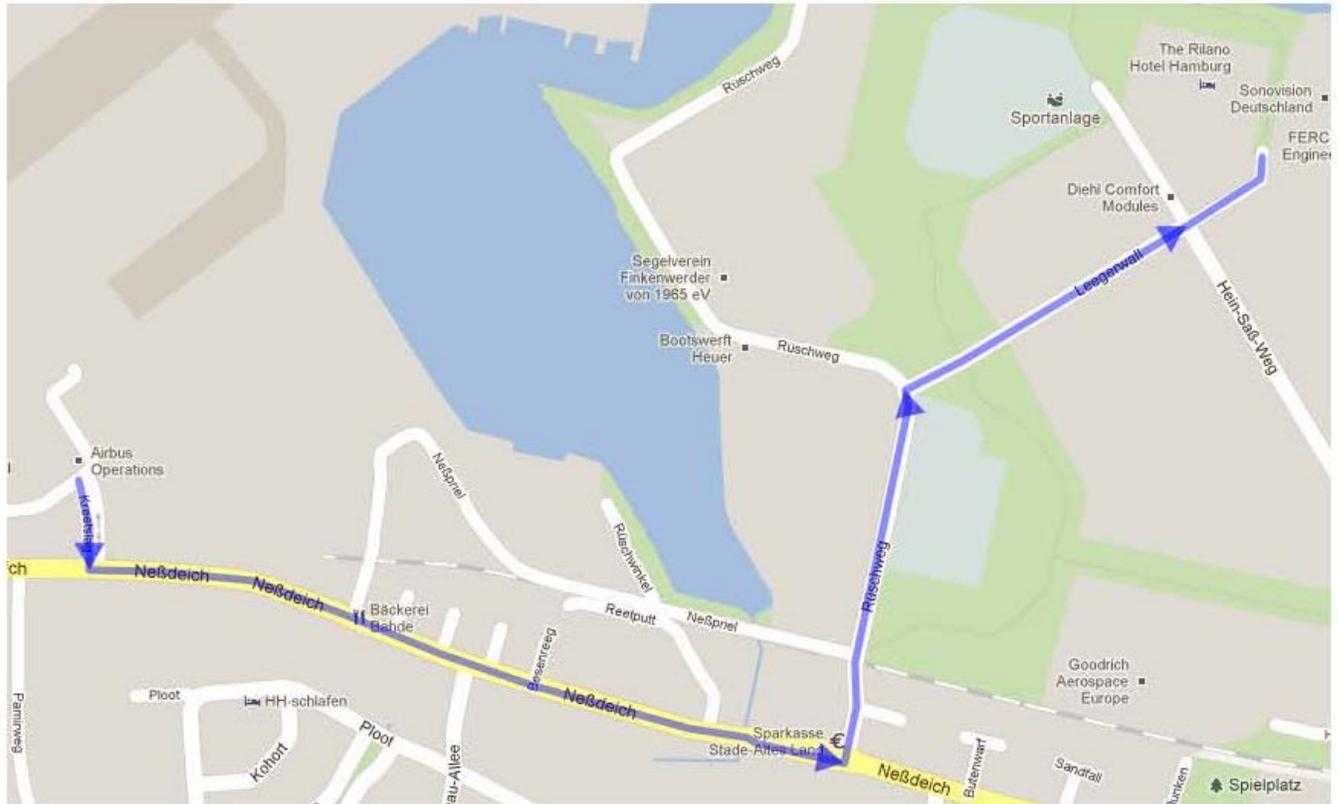
### **From the Hamburg Airport to the Empire Riverside Hotel**

Taxi: Empire Riverside Hotel is approximately a 35-minute taxi ride from the Hamburg airport. Cost is 50 to 60 Euros.

For those who travel light, take the train S1 from the airport to station “Landungsbrücken” and continue on foot to the hotel.

# Attachment 1

## From Airbus to the Rilano Hamburg Hotel



## From the Empire Riverside Hotel to Airbus

It is requested that attendees arrive early on Tuesday, November 7, 2017 to allow extra time needed for the security process. Ask the hotel desk for current bus and ferry schedules.

