




To DLK Systems Subcommittee **Date** March 28, 2017

From Jose F. Godoy
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Subject **Meeting Announcement**
AEEC Data Link (DLK) Systems Subcommittee/RTCA SC-214 VDLSG/
EUROCAE WG-92

Co-Chairmen Bob Slaughter – American Airlines and AEEC DLK Systems Subcommittee
Dongsong Zeng – The MITRE Corporation and RTCA SC-214 VDLSG
Stephane Pelleschi – Rockwell Collins France and EUROCAE WG-92

When June 20-22, 2017
Tuesday through Thursday from 0900 to 1700

Host  **EUROCONTROL** is hosting the Joint **AEEC DLK Systems Subcommittee/RTCA SC-214 VDLSG/EUROCAE WG-92** Meeting

Where Meeting Location
EUROCONTROL Headquarters
SIRIUS Room
Rue de la Fusée, 96
B-1130 Brussels, Belgium
Tel: +32 2 729 90 11
Information:
<http://www.eurocontrol.int/articles/eurocontrol-headquarters-brussels>
Contact:
Susan Allinson/Nikolaos Fistas
email: susan.allinson@eurocontrol.int
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Hotels EUROCONTROL has negotiated special rates with Brussels area hotels. A list of hotels is available at the "Recommended Hotels" link under the EUROCONTROL information link shown above.

Instruction EUROCONTROL is a secure facility. You must notify ARINC Industry Activities of your intention to attend by registering online at: <http://www.aviation-ia.com/events/> by **June 12, 2017**. The ARINC IA registration list will be used by EUROCONTROL to grant access to the meeting room in their facility. You must present a valid Passport or government issued identification document.

The registration list will be sent to EUROCONTROL by **June 12, 2017** so please register with ARINC IA before this date.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact José Godoy (jose.godoy@sae-itc.org). Any material intended to be circulated prior to the meeting should be submitted before **June 13, 2017**. The agenda will be finalized one week prior to the meeting.

Dress code for this meeting is business casual.

Activity Scope The goal of this activity is to develop and maintain datalink standards that promote reliable communication between the aircraft and the ground.

Meeting Objectives Joint meetings with EUROCAE WG-92 and RTCA SC-214 VDL SG will be held to harmonize VHF Digital Link (VDL) Industry Standards.

EUROCONTROL will present the status of ongoing and planned Data Link activities, including the European Commission DLS Mandate and its Performance Monitoring.

A DLK Panel of experts (consisting of CAAs, ANSPs, DSPs, and Avionics Suppliers) will present and discuss Connectionless VDL M2.

The group will be briefed on the activities of the RTCA SC-214 VDL Sub Group and of EUROCAE Working Group 92 (WG-92), including Term of References (ToR), Schedules and deliverables:

- **RTCA DO-281B:** *MOPS for Aircraft VDL Mode 2 Physical Link and Network Layer*
- **RTCA DO-224C:** *Signal-in-Space MASPS for Advanced VHF Digital Data Communications Including Compatibility with Digital Voice Techniques*
- **EUROCAE ED-92B:** *MOPS for an Airborne VDL Mode 2 Systems Operating in the Frequency Range 118-136.975 MHz*

The DLK Systems Subcommittee plans to develop:

- **Supplement 9 to ARINC Specification 618:** *Air-Ground Character-Oriented Protocol Specification*
- **Supplement 9 to ARINC Specification 620:** *Datalink Ground System Standard and Interface Specification (DGSS/IS)*
- **Supplement 8 to ARINC Specification 631:** *VHF Digital Link (VDL) Mode 2 Implementation Provisions*
- **Supplement 4 to ARINC Characteristic 758:** *Communications management Unit (CMU) Mark 2*

Travel Information

Directions from the Brussels Airport (BRU) to Downtown Brussels

The distance from the BRU to the downtown area is approximately 7.5 miles or 12 km. Taxis with a meter are available in front of the arrivals hall. The fare from the airport to Brussels City Centre is normally around €40-50. Licensed taxis have a blue and yellow emblem. Travelers are advised to avoid unlicensed taxis.

A train to all 3 main Brussels stations (Nord/Noord, Central/Centrale and Midi/Zuid) runs from the airport station located at the lower level (-1) of the terminal. When you exit the arrival hall, take the lift or escalator on your right to go down to level -1. Tickets can be purchased at the train station ticket counter. If they are closed, a ticket can be purchased from a vending machine (they only accept Maestro cards). If boarding a train without a ticket, it can be purchased on board, but notify the attendant when getting on the train, to avoid paying a fine. Make sure you have a ticket that includes the Diabolo supplement that is required for all journeys to/from the airport.

For more information: <http://www.belgianrail.be/en/Default.aspx>

From the Brussels Airport (BRU) to EUROCONTROL

EUROCONTROL has negotiated special fares with the Unitax airport taxi company. The set price is €16 for the journey between EUROCONTROL and Brussels Zaventem Airport. Payment is possible by credit card or in cash. Tell the driver about this arrangement before beginning your journey. Passengers at the Brussels Airport are picked up in front of the main entrance of the Sheraton Hotel (Departure Level). Contact Unitax at 02 725 25 25 when you are at the pick-up point.

Free Shuttle Bus from the Centrale Train Station to/from EUROCONTROL

EUROCONTROL sponsors a complimentary bus departing from the Centrale Train Station in the center of Brussels and other intermediate locations. A bus timetable is attached to this announcement. The EUROCONTROL web site link above provides more details on the current bus time table.

cc

AOC, AeroMACS, AGCS, DLUF, EFB, KSAT, NIS, SAI

Attachment 1

EUROCONTROL Shuttle Timetable and Bus Stops

This note provides details of changes to the timetables of the navettes (shuttle buses) that run between Haren and downtown Brussels.

From 07/04/2015 the service will operate in accordance with the timetables below:

Matin-Morning	Centrale	Madou	Ambiorix	Plasky	Bordet	EUROCONTROL
1	07:30	07:35	07:40	07:45	07:55	08:00
2	07:50	07:55	08:00	08:05	08:15	08:20
3	08:15	08:20	08:25	08:30	08:40	08:45
4	08:45	08:50	08:55	09:00	09:10	09:15

Morning shuttle timetable

Soir-Evening	EUROCONTROL	Bordet	Meiser	Ambiorix	Madou	Centrale
1	16:10	16:15	16:25	16:30	16:35	16:40
2	17:00	17:05	17:15	17:20	17:25	17:30
3	17:50	17:55	18:05	18:10	18:15	18:20
4	18:40	18:45	18:55	19:00	19:05	19:10

Evening shuttle timetable

The service will be provided by white coaches that are clearly marked Open Tours (see below) with an A4 poster with the EUROCONTROL logo and its destination visible in the wind-screen.



These timetables have been established on the basis of nominal traffic conditions. Depending on the actual traffic conditions the navettes may arrive either a little later or earlier than indicated on the timetable at the intermediate stops. (Open Tours navettes are not permitted to wait at STIB/De Lijn bus-stops so please take note of this restriction).

In addition to the EUROCONTROL main entrance, the navettes will pick up and drop off passengers at the following bus stops:

- Bordet:
 - Morning Evere/Basel STIB bus stop (bus 12) in front of Mobistar building
 - Evening/afternoon Da Vinci STIB bus stop (buses 12, 65) in front of Recordbank building
- Plasky (morning): Meiser STIB bus stop (bus 63) in front of the Hotel Plasky.
- Meiser (evening/afternoon): De Lijn bus stop in front of “Carrefour Market”
- Ambiorix.
 - Morning : Ambiorix STIB bus stop in front No 32 (corner with Rue Archimede)
 - Evening/afternoon : Ambiorix STIB bus stop in front No 12 (corner with avenue de la Brabançonne)
- Madou: Madou STIB bus stop (Bus 63).
- Central Station: Rue de la Putterie - Gare Centrale STIB bus stop (busses 29, 63, 65, 66)

We have placed pin-markers on Google maps at <https://drive.google.com/open?id=1bON47iq29gyTpBXCI-xyG3Lp-BE&usp=sharing> for more precise information.

Please be aware that, contrary to previous arrangements, the Open Tours navettes are not permitted to drop passengers at any STIB/De Lijn bus-stops along their route. The stops on the evening routes will only be those indicated on the above timetable.

In the event of disruption along their morning route Open Tours will inform EUROCONTROL Haren front desk that they are experiencing significant delays or cancellation. For the latest details of possible delays to the service please contact the Haren front desk on 02 729 9011. Information on the status of the shuttle service will also be available from your smart-phone at <https://twitter.com/euroshuttle>.



Safety instructions: Passengers are reminded that it is mandatory that they use the seat-belts when the shuttles are equipped with them. Passengers standing in the shuttle are strongly advised to hold the hand rails for stability in the event that the bus stops abruptly.