



**To** DLK Systems Subcommittee **Date** March 15, 2021  
**From** José F. Godoy **Reference** 21-999/SMA-210 lth  
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**Subject** Meeting Announcement  
**Data Link (DLK) Systems Subcommittee**

Note: This is a joint meeting with EUROCAE WG-92 and RTCA SC-214

**Chairs** AEEC DLK Systems Subcommittee: **Robert Holcomb, American Airlines**  
**Joseph Westbrook, FedEx**

**EUROCAE WG-92: Stéphane Pelleschi, Collins Aerospace**

**RTCA SC-214: Claire Robinson, Universal Avionics**

**When** **June 1-4, 2021**

Tuesday through Friday – Web conference schedule for each day:

| Meeting Times | US Pacific | US Eastern | Central European |
|---------------|------------|------------|------------------|
| Start         | 0700       | 1000       | 1600             |
| Break         | 0900       | 1200       | 1800             |
| Adjourn       | 1100       | 1400       | 2000             |

**Where** This meeting will be 100% virtual. Details to be provided.

**Instructions** Please notify the ARINC Industry Activities staff of your intention to attend by registering online at: <https://www.aviation-ia.com/events>.

This meeting is opened to all interested parties. Individuals requesting time on the agenda should contact José Godoy by email ([jose.godoy@sae-itc.org](mailto:jose.godoy@sae-itc.org)) before May 17, 2021. The agenda and web conference instructions will be distributed to those that register one week prior to the meeting.

**Activity Scope** The goal of this activity is to develop Standards that promote the efficient transfer of VHF ACARS, VDLM2 AOA and Air Traffic Service (ATS) data between the aircraft and the ground. These Standards benefit the operation of Controller-Pilot Data Link Communications (CPDLC), e.g., The FAA NextGen Data Communications Program and the Single European Sky (SES) Data Link Services (DLS) Programme.

## Meeting Objectives

The VDL Standards Group (AEEC DLK Systems Subcommittee, EUROCAE WG-92, and RTCA SC-214) will meet to develop VDLM2 Standards necessary for aviation infrastructure improvements.

The status and schedule of the following standards will be reviewed.

- Supplement 9 to **ARINC Specification 618: *Air-Ground Character-Oriented Protocol Specification***, as authorized by APIM 17-003
- Supplement 9 to **ARINC Specification 631: *VHF Digital Link (VDL) Mode 2 Implementation Provisions***, as authorized by APIM 17-002B
- **EUROCAE ED-92D: *Minimum Operational Performance Standards (MOPS) for Aircraft VDL Mode 2 Physical Link and Network Layer***
- **RTCA DO-224E: *Minimum Operational Performance Standards (MOPS) for Aircraft VDL Mode 2 Physical Link and Network Layer***
- **RTCA DO-281D: *Signal-in-Space Minimum Aviation System Performance Standards (MASPS) for Advanced VHF Digital Data Communications Including Compatibility with Digital Voice Techniques***

Meeting topics include:

- VDLM2 subnetwork support of future IPS networks
  - Segmentation and Reassembly of data blocks
  - Security Concerns
- Connectionless VDLM2
  - Protocols to support ACARS, ATN/OSI, and ATN/IPS
- FAA Data Comm and SES DLS Programs
  - Operational Issues to be Standardized
- Advanced VHF Concept (94.5 kbps versus 31.5 kbps)
- Update Action Item list