



To DLK Systems Subcommittee **Date** May 15, 2020
From José F. Godoy **Reference** 20-999/SMA-170 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

Chairmen AEEC DLK Systems Subcommittee: **Bob Slaughter, American Airlines**
EUROCAE WG-92: **Stéphane Pelleschi, Collins Aerospace**
RTCA SC-214: **Charles "Chuck" Stewart, United Airlines**

Host ARINC Industry Activities

When **July 7-10, 2020**
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
Re-Convene	1000	1300	1900
Adjourn	1200	1500	2100

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 before June 29, 2020. The agenda and web conference instructions will be distributed one week prior to the meeting.

Activity Scope The goal of this activity is to develop Standards that promote the efficient transfer of ACARS and Air Traffic Service data between the aircraft and the ground. These Standards benefit the FAA NextGen Data Communications, the Single European Sky (SES) Data Link Services (DLS) Programme and CPDLC operation in general.

Meeting Objectives

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

These include:

- Security and other requirements so that the VDLM2 subnetwork supports ATN/IPS operation
- The introduction of “Connectionless VDLM2”
 - Orange and other Protocols so Connectionless VDLM2 seamlessly supports AOA, ATN/OSI, and ATN/IPS

The schedule of the deliverables will be discussed.

The following Standards will be developed:

- 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***; APIM 17-002B has been authorized at the 2020 AEEC General Session by the Executive Committee
- **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***
- **EUROCAE ED-276/RTCA-381: *Guidance on Air to Ground VDL Mode 2 Interoperability***