



To DLK System Subcommittee **Date** May 17, 2010
From José Godoy **Reference** 10-999/SMA-564 sap
jgodoy@arinc.com
tel +1 410-266-4689

Subject **Meeting Announcement**
DLK Systems Subcommittee

When July 6 – 8, 2010, from 0900 to 1700

Where Meeting Location

SITA
770 Sherbrook Street West - 16th Floor (Lobby)
H3A 1G1 Montreal, Quebec, CANADA

The meeting site is about 20 kilometers from the Montreal (Pierre Trudeau) Airport (YUL).

SITA Contact:
Jocelyn Descaillot
jocelyn.descaillot@sita.aero
Tel: +1-514 982-3507
Fax : +1-514 982-3597

Hotel Information

A list of hotel options is attached.

Instruction Please notify ARINC Industry Activities of your intention to attend by registering online at:

<http://www.aviation-ia.com/events/>

Dress code for this meeting is business casual.

Comments or questions regarding any of the agenda items are invited. If you wish any material to be circulated prior to the meeting, please submit your proposals to José Godoy (jgodoy@arinc.com) by **June 30, 2010**.

Individuals requesting time on the agenda should contact José Godoy. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

The DLK Systems Subcommittee will review the following documents:

- Draft 2 of Supplement 7 to ARINC Specification 618: Air/Ground Character-Oriented Protocol Specification.
- Draft 1 of Supplement 7 to ARINC Specification 620: Datalink Ground System and Interface Specification.
- Draft 1 of Supplement 6 to ARINC Specification 631: VHF Digital Link (VDL) Mode 2 Implementation Provisions, and draft APIM 09-013. A copy of draft APIM 09-013 is attached.
- Draft 2 of Supplement 3 to ARINC Characteristic 758: Communications Management Unit (CMU) Mark 2.
- Draft 3 of Strawman for ARINC Project Paper 841: Media Independent Aircraft Messaging (MIAM), which describes the protocols and processes to support the exchange of large messages. The work (APIM 09-001) was approved in March, 2009.

The goal is to prepare a schedule for completion of mature drafts.

Meeting Schedule

Tuesday

1. Introduction/Agenda
2. Review the strawman input to ARINC Project Paper 841: Media Independent Aircraft Messaging

Wednesday

1. Continue to review the strawman for ARINC Project Paper 841
2. Review Draft 2 of Supplement 7 to ARINC Specification 618: Air/Ground Character-Oriented Protocol Specification.
3. Review Draft 1 of Supplement 7 to ARINC Specification 620: Datalink Ground System and Interface Specification.
4. Teleconference schedule (TBD)
5. Review Draft 1 of Supplement 6 to ARINC Specification 631: VHF Digital Link (VDL) Mode 2 Implementation Provisions.

Thursday

1. Continue to review/develop Supplement 6 to ARINC Specification 631
2. Review Draft 2 of Supplement 3 to ARINC Characteristic 758: Communications Management Unit (CMU) Mark 2.
3. Discuss future work and plans for the next DLK Systems Subcommittee meeting

**Travel
Information**

A list of hotels near the SITA facility is attached. A city bus (\$ 15.00 CAD) or taxi (\$ 38.00 CAD) is available for transportation from the Montreal Airport (YUL) to the hotel of your choice. Rental car, taxi service or walking is recommended for transportation between SITA's facility and your hotel.

Cc

DLK Users Forum, SAI

Attachment 1

Hotel	Address	Hotel Website Address and Phone	Distance from SITA Office	Distance from Train Station	Distance from Airport
Delta Montreal	475 President Kennedy Avenue	www.deltahotels.com (514) 286-1986	5 minute walk	10 minute walk	20kms
Omni Mont-Royal	1050 Sherbrooke street West	www.omnihotels.com (514) 284-1110	5 minute walk	10 minute walk	20kms
Sofitel Montreal	1155 Sherbrooke Ouest MONTREAL - QUEBEC	www.sofitel.com (514) 285-9000	5 minute walk	10 minute walk	20kms
Montréal Marriott Chateau Champlain	1 Place du Canada Montreal, Quebec H3B 4C9 Canada	www.marriott.com (514) 878-9000	15 minute walk	10 minute walk	20kms
Residence Inn by Marriott - Montreal Downtown	2045 Peel Street, Montreal, QC H3A 1T6, Canada	www.marriott.com (514) 982-6064	5 minute walk	12 minute walk	20kms
Hilton Garden Inn Montreal Centre-Ville	380 Sherbrooke St. West Montreal, Quebec, Canada, H3A 0B1	www.hilton.com (514) 844-6433	6 minute walk	10 minute walk	20kms

Attachment 2

ARINC Project Initiation/Modification (APIM)

- 1.0 Name of Proposed Project** **APIM #: 10-013**
Supplement 6 to ARINC Specification 631 – VHF Digital Link (VDL) Mode 2 Implementation Provisions
- 1.1 Name of Originator & Organization**
Jose Godoy, ARINC IA Staff
- 2.0 Subcommittee Assignment and Project Support**
- 2.1 Suggested AEEC Group and Chairman**
Data Link Systems (DLK) Subcommittee
Suggested Chairman: Joe Slavinsky, Fed Ex
- 2.2 Support for the activity (to be confirmed)**
Airlines: Fed Ex, Lufthansa (DLH)
Airframe Manufacturers: Airbus, Boeing
Suppliers: Honeywell, Rockwell Collins
Others: SITA, ARINC
- 2.3 Commitment for Drafting and Meeting Participation (to be confirmed)**
Airlines: Fed Ex
Airframe Manufacturers: Airbus, Boeing
Suppliers: Honeywell, Rockwell
Others:
- 2.4 Recommended Coordination with other groups**
DLK User's Forum and EUROCONTROL LINK 2000+ Programme
- 3.0 Project Scope**
This project creates Supplement 6 to ARINC Specification 631. It revises the VDLM2 protocol, specifically focusing on the Frequency Support List (FSL) provisions. The supplement will also elaborate on the ground initiated request for "Autotune" procedure to switch to an alternate frequency.

These changes are required by Eurocontrol, which lists ARINC 631 as one of the required standards in their LINK 2000+ Programme Specifications and in other Guidance documentation.

3.1 Description

This is a routine update to ARINC 631.

3.2 Planned usage of the envisioned specification

New aircraft developments planned to use this specification yes no

 Airbus: (aircraft & date)

 Boeing: (aircraft & date)

 Other: (manufacturer, aircraft & date)

Modification/retrofit requirement yes no

 Specify: (aircraft & date)

Needed for airframe manufacturer or airline project yes no

 Specify: (aircraft & date)

Mandate/regulatory requirement yes no

 Program and date: (program & date)

Is the activity defining/changing an infrastructure standard? yes no

 Specify (e.g., ARINC 429)

When is the ARINC standard required?

 Oct 2010

What is driving this date?

 Eurocontrol LINK2000+ Programme.

Are 18 months (min) available for standardization work? Yes no

 Are Patent(s) involved? yes no

 If YES please describe, identify patent holder: _____

3.3 Issues to be worked

4.0 Benefits

4.1 Basic benefits

Operational enhancements yes no

For equipment standards:

a. Is this a hardware characteristic? yes no

b. Is this a software characteristic? yes no

c. Interchangeable interface definition? yes no

d. Interchangeable function definition? yes no

 If not fully interchangeable, please explain:

 Air/Gnd Interoperability

For AEEC staff use only

Date Received: March 17, 2010

AEEC staff : _____

Potential impact: _____

(**A. Safety** **B. Regulatory** **C. New aircraft/system** **D. Other**)

Resolution: _____

Authorized, Deferred, Withdrawn, More Detail Needed, Rejected)

Assigned to SC/WG: _____