



# AEEC Data Link Users Forum

AFC Fall 2015 - Montreal

# AEEC Data Link Users Forum



- **Goal:** The goal of the Data Link Users Forum (DLUF) is to assist aircraft operators to improve the system performance and maximize the operational and economic benefits of air/ground data link communication services through the exchange of technical information. The DLUF is a coordinating activity among airlines and cargo carriers, aircraft manufacturers, avionics manufacturers, and data link service providers on technical issues of mutual interest leading to the identification and resolution of common problems.

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- The DLUF holds two meetings each year with one in the US and one in Europe
- The DLUF Objectives
  - Interoperability and Spectrum Efficiency
  - Advanced Data Link Communications
  - ATS Data Link Communications Applications
- The DLUF meetings are normally hosted by a participant organization

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- The last DLUF meeting was held on September 15 - 16, 2015 in Toulouse, France hosted by Airbus
- Key items of interest included:
  - The status of the European Laboratory for Structural Assessment (ELSA) consortium work
  - European Commission (EC) Data Link Services Implementing Rule (DLS IR) Status
  - CPDLC Operations in Europe
  - Other CAA CPDLC program status
  - Satellite provider updates
  - Service provider responses to key issues



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- The ELSA consortium was formed to investigate the root cause of the ATN performance issues and to develop recommendations for system improvements
  - Program management of the ELSA consortium is being provided by UK NATS
  - Consortium of industry leading companies awarded a contract in December 2014
  - Contract execution scheduled for February 2015 through June 2016
  - Results of ongoing work will not be available until 2<sup>nd</sup> quarter of 2016
  - Rockwell Collins IMS (ARINC) is adding an enroute VDL frequency in Europe
  - SITA is adding an on-ground VDL frequency at key European airports
- European Commission Data Link Services Implementing Rule (DLS IR) Status
  - A Single Sky Committee (SSC) meeting was held on January 14/15, 2015
  - The important date changes to Regulation (EC) 29/2009 are:
    - Aircraft retrofit date of 05 Feb 2020
    - All ANSPs ready by 05 Feb 2018

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- Other DLUF presentations of interest:
  - EC DLS IR Aircraft Exemption Status – IATA
  - Operational Performance (FANS vs. ATN) – UK NATS
  - VDL Multi-Frequency Implementation in Europe – SITA and RC IMS
  - FAA NextGen Program Update – FAA and Harris
  - DSP AOC Support in Europe – IATA, SITA and RC IMS
  - RTCA SC-214/EUROCAE WG-78 Update – United Airlines
  - A350 Media Independent Aircraft Messaging (MIAM) Implementation Status - Airbus

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- The next DLUF meeting is scheduled for February 2-3, 2016 in Miami, Florida hosted by Rockwell Collins IMS
  - Key issue will be tracking the status of the North American CPDLC programs
  - A workshop will be scheduled for the afternoon of February 1, 2016 to address MIAM
- An airline only roundtable meeting is scheduled for February 4, 2016 to review the previous meeting results and identify items for discussion at the next DLUF meeting



- Questions?