



Euro FMG

6-7 October 2015 – Montreal

What is the Frequency Management Group (FMG)?



- The Frequency Management Group (FMG)
 - ICAO sponsored group, established by the European Air Navigation Planning Group (EANPG)
 - Pursue aeronautical frequency spectrum management in support to the relevant ICAO Objectives
 - Membership includes European States as well as Eurocontrol, IAOPA and IATA
 - Observers include datalink service providers and ASRI
- The 21st FMG meeting was held 9 – 11 September 2015, Paris, France

FMG Topics Relevant to AFC



- ACARS leaving 136 band
- ENAV Italy datalink stations
- VDL Mode 4 channel reserved in lower COM band
- New VDL assignment

ACARS in 136 band



- FMG has asked that all ACARS stations be removed from the 136 MHz band by the end of 2016
 - 136.725 and 136.750 currently used for ACARS will be removed

ENAV Italy datalink program



- ENAV is a legal entity which is responsible for civilian air traffic management in Italy
 - ENAV has developed their own type of ground station which incorporates the ACARS service for both ARINC and SITA using existing datalink spectrum
 - Software, and multiplexed squitters and the messages for both datalink service providers from a single radio.
 - They have built this system on the assumption that the frequencies are always shared.
 - Claim is that this arrangement will reduce the number of hidden transmitters.

VDL Mode 4



- Frequency 136.925 reserved for VDL Mode 4
 - No operational stations
 - 136.925 MHz and 113.250 are the reserved CSC frequencies for VDL Mode 4

VDL frequency reallocation proposal



- Datalink service providers seeking dedicated VDL frequency across Europe
 - FMG agreed to temporarily assign frequency 136.875 for shared enroute VDL use
 - Frequency available to both ARINC and SITA

Upcoming FMG meetings



- December 2015
- September 2016 in Paris, France



Questions?