

Euro FMG 6-7 October 2015 – Montreal



6-7 October 2015

CONFIDENTIAL - AFC Membership Only

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

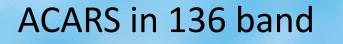


FMG Topics Relevant to AFC



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





- 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.





- 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?



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