VDL Mode 2/D8PSK spectral mask

Some remarks on the “Proposal for ACP requirements” by the IATA-member.

(by the rapporteur of WG-B)

The paper as written may lead to wrong conclusions on the present situation in the sense that it looks like no substantial changes to the RF SARPs are needed at all except for a small relaxation on the 1st adjacent channel requirements.

AMCP/5 acknowledged what was reported by WG/B that there are serious problems with the practical implementation of VDL Mode 2/D8PSK if one takes into account a number of realistic operational scenarios. These scenarios have in common the independent operation on board a single aircraft or on board two neighbouring aircraft of VDL Mode 2/D8PSK and AM-DSB communications.

The proper forum to bring a paper as the one here is WG-B, which, provided enough material is available to discuss on the subject, will have a meeting October 20-22 in Amsterdam. Interested parties are cordially invited to make their interest in participating in that meeting known via NOORT@LVB.NL, so that they will receive the proper invitation information etc.