

Review by Roy Oishi - Chairman of AEEC (Airlines Electronic Engineering Committee)

Hindupur,

I received my copy of your book the other day. Excellent piece of work... I was pleased to see Appendix 2, the operational concept of RCP, as I acted as the industry editor for that document as an advisor to the US Member of the OPLINK Panel.

In particular, I would like to congratulate you on the 'boom box' on page 76. These basic principles for data link should be mandatory memorization for any CAA-person dealing with data link. People who demand that data link have the same reaction time as VHF voice so that it can carry DESCEND IMMEDIATE-type instructions are unaware of your principles 1 and 2. If we are able to implement routine functions with routine RCP (assuming this idea really takes hold) then certainly the voice channels will be available for the more immediate situations.

As a minor issue, I might suggest that in subsequent editions the columns in the VDL tables for Mode 1 be removed as it was never intended that Mode 1 would survive beyond the test/validation phase for the AVLC link layer protocols. Also, I believe VLD Mode 4 now uses GFSK modulation at 19.2KBPS and not D8PSK. The Mode 4 SARPs have been in an evolving state and so I suspect you were caught in one of their 'modification' periods.

Thanks again for putting all of this information in one place.

Regards,
Roy Oishi
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