

Date : June 25, 2021

Subject : **Dlink+ MOD 5 Removed from the Logon List with effect from July 15, 2021.**
Service Information Letter (SIL) for Spectralux Avionics Dlink+ w/CPDLC, 14114-1-XX
Reference: SIL-2021-05R2

Customers and Partners,

Thank you for selecting Spectralux datalink products for your enhanced communications and ATN B1 CPDLC compliance needs.

In early June 2021 EUROCONTROL advised that Spectralux Dlink+ avionics, up to and including MOD 5, will no longer be eligible for the Logon List and those aircraft already on the Logon List will be removed at the next update (July 15, 2021). This decision was made based on an EUROCONTROL's analysis of the current Provide Abort (PA) rate.

Please note this means your aircraft will not be able to Logon and use data link in the airspace of EDYY, EDUU, LSAG and LSAZ, but you will not be restricted in any way (other than you will only be able to use voice communications). You should continue to file in the flight plan that the flight is CPDLC/ATN capable and indeed you will be able to use data link elsewhere in Europe.

Spectralux has been aware of reports of performance issues from some operators and consequently a concerted effort was started at the beginning of this year to identify all causes of the performance issues.

Changes have been identified in three areas:

1. Missing 3D position downlink in the VDL Mode 2 XID frames in some configurations
2. ATN protocol issues
3. Problems identified with VDL M2 and station tuning

A solution has been identified for item 1 above which requires loading a revised configuration data base. New configuration data bases are being prepared and those individual operators affected will be advised as soon as they become available. As some communication service providers use the 3D position to auto tune avionics from the common signaling channel (CSC), this revision should enable improved performance by reducing congestion on the CSC.

Several ATN protocol issues have been identified and solutions coded. These code changes will be incorporated within MOD 6. These updates will address several outstanding issues reported to Spectralux by EUROCONTROL.

Investigations continue to isolate and correct several VDL M2 and station tuning concerns. Data gathering has provided information on these issues and will allow Spectralux to freeze code changes by end July 2021.

The software changes indicated above will be included in MOD 6 which will be released to operators by Spectralux Service Bulletin. Allowing for 12 weeks between code freeze and SB release, Spectralux anticipates having MOD 6 available to operators by end October 2021. MOD 6 will be available free of charge to all current Dlink+ w/CPDLC operators. At this time, it is not anticipated that any additional revisions to the configuration data base will be required to facilitate MOD 6, other than those described above.

For information on issues relating to Dlink+ w/CPDLC MOD 6, please contact one of the following:

- Mick Harris: mickh@spectralux.com
- Ian Gilbert: ian.gilbert@igavionics.com

A Spectralux representative will be in contact when the MOD 6 Service Bulletin is available for download from the Spectralux Customer Portal (SCP). If you need access to the SCP, please contact Kim Collins: kimc@spectralux.com.

Best regards,



Bryan Sammons

Sr. Product Marketing Manager, Spectralux Avionics