SERVICE INFORMATION LETTER

Subject: GDC64 / Jeppesen iOS apps

Applicability: GDC64 installations utilizing iOS devices with iOS 12 and Jeppesen iOS apps

This Service Information Letter (SIL) is issued to inform operators and installation shops of a solution for a problem that may be encountered in some GDC64 installations.

For GDC64 installations which utilize iOS devices with iOS 12 and Jeppesen iOS apps, there is a possibility that users may observe the Jeppesen app’s ownership icon alternate between being displayed and being hidden.

The default configuration for the GDC64 is to transmit an ARINC 429 UTC time label via NMEA thread to the iOS device. When the iOS device is receiving the time label from the GDC64 in this manner, iOS 12 does not transmit position information within the minimum requirements of the Jeppesen app. This causes the ownership icon to alternate between being displayed and hidden approximately every three seconds. If the time label transmitted in the NMEA thread is disabled, the Jeppesen app will utilize the time provided by iOS, resolving this issue.

To implement this solution users must disable labels 125 (UTC) and/or 150 (UTC, for most Equipment IDs) using the GDC64 Utility application.

In the Apple App Store, download the GDC64 Utility application. With the GDC64 connected to the iPad and running, start the GDC64 Utility app and verify the connection on the Status tab; “Connected” will be displayed as well as other information about the connected device.

Go to the ARINC tab and note the port (normally Port 0) that has activity (indicated by a number above the Port label). The active port will display a list of labels present on the port; active labels are displayed in blue. Review the labels and note if labels 125 and/or 150 are present and displayed in blue.

`ARINC tab, Port 0, Label 125 present and active`
If 125 and/or 150 are present and displayed in blue, go to the More tab and select Disable Label. Set Port to the active port using the +/- buttons as needed (normally Port 0). Use the scrolling pickers to select 125 then press the Disable Label button below. Repeat for Label 150.

Return to the ARINC tab and ensure disabled labels are no longer displayed in blue.

This change will remain in effect until such time as the label is manually enabled by a user, or the GDC64 is reset to factory defaults.
It is also recommended to set the iOS device time to UTC/GMT. This can be accomplished by selecting: Settings > General > Date & Time > Time Zone > UTC. If UTC is not shown, use the search field to locate.

*Settings > General > Date & Time > Time Zone*

Please contact DAC International customer service at (800) 527-2531 or (512) 331-5323 for further information.