

CODE 251 CONNECTIVITY ISSUES UPDATE



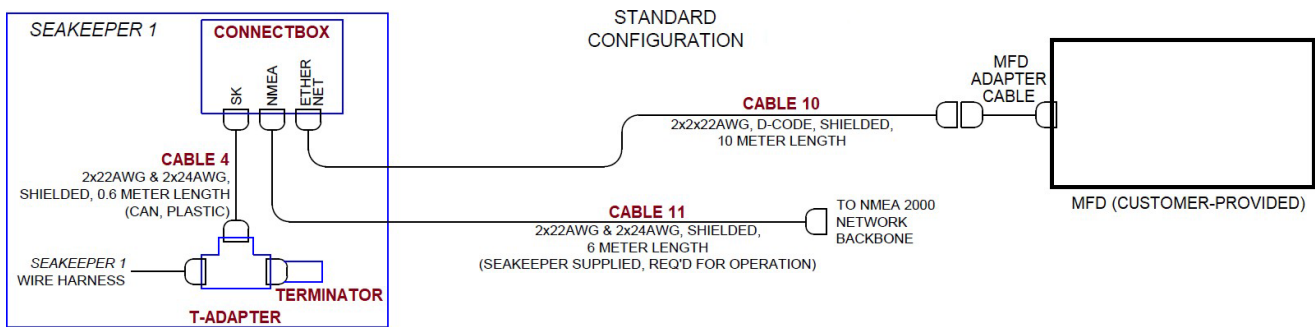
PRODUCT SEAKEEPER 1

BACKGROUND

Multifunction displays connected to Seakeeper 1 models have shown Code 251, NO CONNECTION TO GYRO alarms. Technicians may erroneously replace Cable 10 or the MFD adapter cable to clear the issue.

DISCUSSION

If the Seakeeper-to-MFD link (Cable 10 and MFD adapter cable) were faulty, the Seakeeper MFD web app should fail to open or set web app exception overlays. The Code 251 suggests the issue is in the connection between the ConnectBox and the GCM; it is most likely due to connection issues or failure of the T-Adapter, Terminator (resistor), cable 4 or ConnectBox ports being damaged.



This is supported by the fact that when a 5" display is installed at the Seakeeper onto the gyro CAN network (not the NMEA network) the display works. Removing the 5" display and reconnecting the MFD works for an undetermined time before the MFD again displays Code 251. The Cable 4, Terminator (resistor), T-Adapter, or ConnectBox port is suspect in this event.

If the Seakeeper web app fails to appear or has intermittent connectivity issues on an MFD update to the latest versions of ConnectBox/Display/MFD software. Refer to the appropriate Technical Bulletin, 90478 (Garmin), 90479 (Raymarine) or 90480 (Simrad) to configure the ConnectBox/Displays after programming. If connectivity issues persist then consider the connections or integrity of cable 10. Seakeeper has received feedback of regular nuisance Seakeeper web app exceptions received by customers. There is a software update that should address the nuisance web app exceptions that appear on the MFD screens.

REVISION	DESCRIPTION OF CHANGES	APPROVAL	DATE
1	Initial Release	K Zervas	05APR2021
2	Replace 'ECU' with 'GCM'	A Patricio	18OCT2022