

CODE 251 CONNECTIVITY ISSUES UPDATE



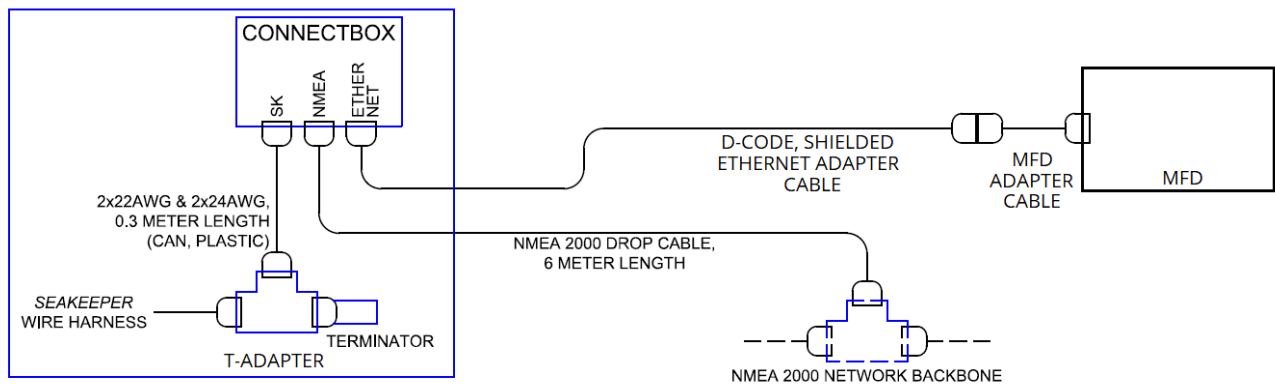
PRODUCT CONNECTBOX

BACKGROUND

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

DISCUSSION

If the Seakeeper-to-MFD cables were faulty, the Seakeeper MFD web app should fail to open or set web app exception overlays. Code 251 suggests the issue lies in the connection between the ConnectBox and the GCM; it is possibly due to connection issues or failure of the T-Adapter, Terminator (resistor), 2-foot communication cable, or ConnectBox ports being damaged.



The possible fault 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 the ethernet adapter cable.

REVISION	DESCRIPTION OF CHANGES	APPROVAL	DATE
1	Initial Release	K Zervas	05APR2021
2	Replace 'ECU' with 'GCM'	A Patricio	18OCT2022
3	Removed model callout	A Patricio	22SEP2023