

# SEAKEEPER DISPLAY SOFTWARE COMPATIBILITY



PRODUCT ALL SEAKEEPER MODELS

## PURPOSE

This bulletin provides information and clarification for user interface software revision releases and compatibility with GCM software versions.

## DESCRIPTION

Use the below table to reference the correct GCM and Display software version compatibility.

GCM Version	Display Version	Display Type
M-Series (ALL)	2.51	3.5" display only
2.XX	4.03	3.5" display only
3.XX	5.00	3.5" display only
4.XX*	6.09	3.5" display only
10.XX or 11.XXX	6.09 7.46.2	3.5" Push Button Display 5" Touch Screen Display
10.XX	1.3.35	ConnectBox shipped before serial numbers listed below
11.1XX	3.3.8	ConnectBox shipped with following:
		Seakeeper 1: 1-233-0610 and after Seakeeper 2: 2-233-1580 and after Seakeeper 3: 3-232-4270 and after Seakeeper 4/4.5: all serial numbers Seakeeper 6/5: 6-232-5847 and after Seakeeper 9: 9-233-4900 and after Seakeeper 18: 18-233-1475 and after Seakeeper 26: 26-233-0690 and after Seakeeper 40: all serial numbers

**IMPORTANT!** A Seakeeper will show an alarm until all displays connected to a single Seakeeper GCM are loaded with the same compatible display version.

**IMPORTANT!** If a version 1 ConnectBox is replaced with a version 2 ConnectBox, install version 2 software. Ignore serial numbers in this event. **NOTE:** If version 1 ConnectBox replaced with a version 2 ConnectBox, it is also necessary to update GCM software.

# SEAKEEPER DISPLAY SOFTWARE COMPATIBILITY



PRODUCT ALL SEAKEEPER MODELS

## DETAILED INFORMATION

CONNECTBOX SOFTWARE v3.3.8 (3.3.8-4e91fdac as seen on an MFD) provides the following features:

### Alarm History Recovery

With updated GCM software, the ConnectBox will allow viewing the alarm history after the history had been cleared. The alarm screen will display all alarms in memory. The memory will hold up to 32 cleared alarms. This feature will allow technicians to view cleared alarms before an event to enhance troubleshooting.

### Data Logger Functionality

The updated ConnectBox software has an internal data logger capability. The logger function is triggered by an alarm or a user request from an MFD Service screen override page. Note that in the absence of an MFD, the manual initiation of a data log is unavailable. The logger's activation will capture 70 seconds of data. The log files will contain all Seakeeper CAN traffic, NMEA2000 speed over ground signal, and NMEA battery monitor messages during a trigger event. A total of 200 logs can be stored in the ConnectBox. Once this number is exceeded, the oldest logs are replaced by new ones.

### NMEA Status

From the Settings screen (gears icon), perform a long press of the gears icon to display the hidden page. Under the 'System' tab, a field with the current NMEA status is displayed. This function will assist in troubleshooting alarms related to the NMEA2000 connection.

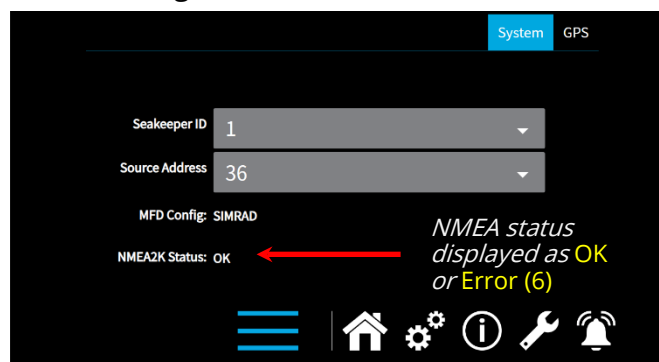


Figure 1: System Tab

# SEAKEEPER DISPLAY SOFTWARE COMPATIBILITY



PRODUCT ALL SEAKEEPER MODELS

## Service Parameters

With updated GCM software, the Seakeeper will display additional service parameters on the Service screen (wrench icon) of the 5" display or MFD app. The input drive current and voltage are provided. This functionality will enhance troubleshooting measures in the event of an electrical issue.

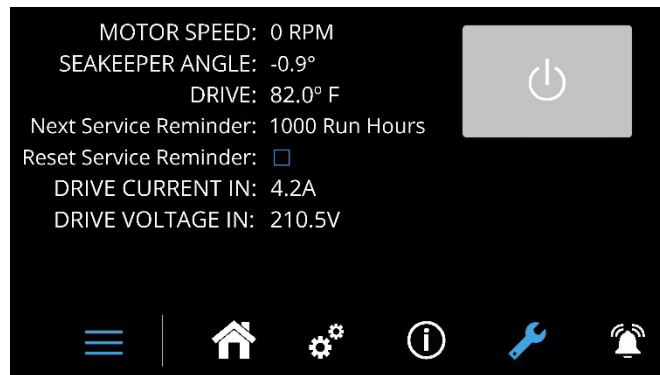


Figure 2: Service screen

## User Notifications – Maintenance Reminder

As in earlier 5" display updates, the ConnectBox will now have helpful user notifications on the MFD Seakeeper app. The notifications include a maintenance reminder (Figure 3) every 1000 run hours. The user may acknowledge the notification by resetting the reminder timer or delaying the reminder until the next power cycle. An option on the Service screen (wrench icon) allows the timer to be reset to 1000 hours (Figure 4). The QR code links one to the Seakeeper Maintenance Schedule document on the Seakeeper website.

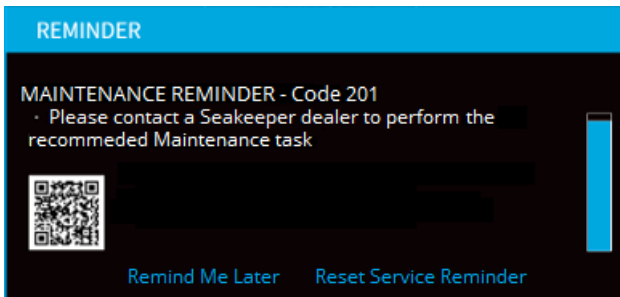


Figure 3: Maintenance reminder at 1000 run-hours

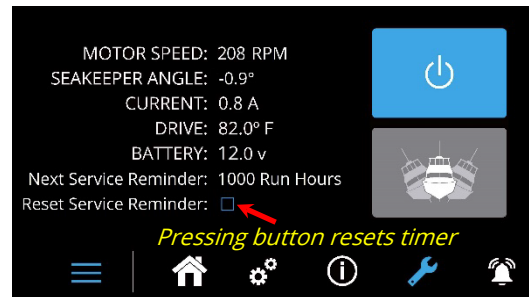
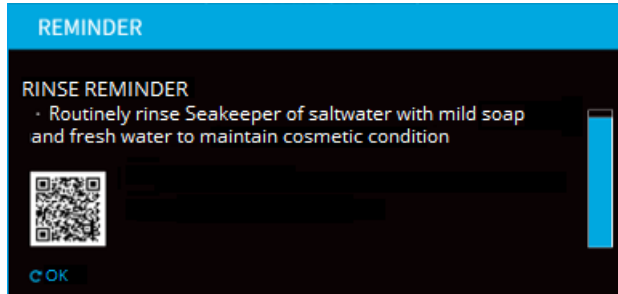


Figure 4: Maintenance reminder reset

PRODUCT ALL SEAKEEPER MODELS

### User Notifications – Rinse Reminder

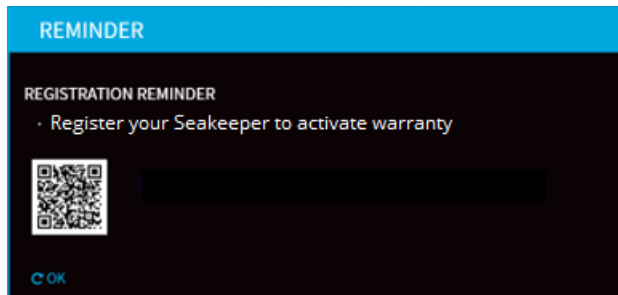
The ConnectBox will now include a rinse reminder (Figure 5) that appears at every coast event. When the user acknowledges the reminder by selecting 'OK,' it will not reappear until the next coast event. The QR code links one to the freshwater rinse article on the Seakeeper website.



*Figure 5: Rinse reminder*

### User Notifications – Registration Reminder

With updated GCM software, the ConnectBox will now include a one-time registration notification (Figure 6) at 20 run hours. Once the user acknowledges the reminder by tapping 'OK,' it will not reappear. The QR code leads to the warranty registration page of the Seakeeper website.



*Figure 6: Warranty registration reminder*

**\*\*\*\*\* END \*\*\*\*\***