

SPERRY MARINE UK
Service Bulletin No. 15 (Release 2)

Product: Decca BridgeMaster E Series Radars

Subject: General Information 1

1. Commissioning Data re-setting to Default

The BME keeps a record of the Transmitter's 'hours run' and 'hours in transmit'. This data is stored in an EEPROM and is written in every hour. This same device contains **all** the commissioning data. If during the storing process the Radar is switched off, this process is then incomplete. When next switching the Radar back on, the EEPROM is read to be incorrect (checksum error) and the Processor will re-write all the commissioning data as default values. Therefore all data specific to that installation will no longer be valid. i.e. No GPS fitted, Heading Marker Offset returned to default etc.

From software version C5.01 onwards, when this occurs, a message "WARNING – RADAR REQUIRES RE-COMMISSIONING" is displayed inside the video circle. Also the HM Offset value defaults to 350 (previously 000).

The probability of this occurring is very very low. Nevertheless, it can occur. It is highly recommended that at commissioning, the '**Installation and Commissioning Checklist**' in Chapter 4 of the Ship's Manual is accurately recorded so that when necessary, the System can be quickly and correctly re-commissioned by ship's staff via telephone.

2. Reverse connections of TX TRIG Lines

When installing a BME system take care not to reverse the TX TRIG+ and the TX TRIG- lines. The system will work but the reversed wires will introduce an extra Trigger delay of about 3 µsecs causing a range error of around 0.25 nm.

3. Modification SX1 . Reminder

You are reminded to be aware of Modification SX1. This is a Category 1 **NEXT SERVICE** modification that replaces the old style locking tabs with a new improved new type.

4. Withdrawal of Product Notice published 01/02/00

We have withdrawn the Product Notice relating to 'Graphic Reset alarm' where as a precautionary measure we recommended the Radar is momentarily switched off once every 24 hours. It is no longer necessary to perform this action.

5. Service Bulletins and Modifications

You are reminded that all Service Bulletins and BME modifications are available either on the Sperry Marine Network or the Sperry Marine Intranet. Paths are as follows:

Sperry Marine Network: [Uk-nml-03/Data_1/service/Public/Technical Support/ ...](http://uk-nml-03/Data_1/service/Public/Technical%20Support/)

Sperry Marine Intranet: [http://nautilus.sperry-marine.com/Customer Service/Field Bulletins Online/...](http://nautilus.sperry-marine.com/Customer%20Service/Field%20Bulletins%20Online/)
Select Product Category: BridgeMaster E ... get bulletins