

MODIFICATION INSTRUCTION SHEET No DX/14-1

Rev B/Cat 2

EQUIPMENT AFFECTED: BridgeMaster E Flat Panel Monitors, 65823A and 65823B, 65817G and 65819A.

APPLICATION: If required.

OBJECT AND METHOD: On a few occasions horizontal perturbations and mild interference (speckle) can be observed on the FPD within the blue radar circle and on the grey drop down menus. The following modification to fit the filter box or cable can significantly reduce this interference.

TIME REQUIRED: 1 hour on board

MINIMUM SPECIFICATION: **This modification is not for units supplied after 1st February 2004.**

PROCEDURE:

Note: Ensure anti-static precautions are taken when handling electronic assemblies and components.

- 1 Switch off the radar system and switch off the FPD (a long press at the On/Off switch on the FPD).
2. Disconnect the connector at SKS at the rear of the Processor Electronics Unit and fit the filter box or cable **IN LINE** with the existing video cable between SKS and the FPD.
3. Adjust the Pre-set Brilliance level.
 - (a) For FPDs type 65823B (Desk/Deck mounted) only, it will be necessary to first remove the bezel to expose the front of the FPD. Remove the two caps on either side of the Monitor and loosen the recessed screws. Undo the three screws along the top of the Monitor. The bezel can now be removed away from the Monitor. It may be necessary to use a small amount of force to release the Velcro strip at the bottom of the unit between the bezel and the Monitor.
 - (b) For all FPDs remove the two screws securing the rectangle plate at the bottom left of the Monitor to reveal the Menu, +, -, Up and Down arrow buttons.
 - (c) Switch ON the radar system. Whilst keeping the Down Arrow button pressed, switch on the Monitor. When the picture appears release the Down Arrow button and press the Menu button. This will then display an on-screen set up menu. Select the Brilliance menu and adjust the value to 43.

3. Adjust the Phase level.

Whilst still in the on-screen set up menu, select the Phase control and adjust for minimum interference on the screen.

4. Re-fit the rectangle plate and bezel (where required).

5. Finally check that the Radar operation is fully restored.

MANUAL AMENDMENTS:

Insert a copy of this Modification in the Ships Manual, 65800010B, Chapter 8, 'MODIFICATIONS'.

MATERIALS REQUIRED:

Item	Description	Code No	Qty
1	Filter box (see picture) (An alternative cable 65800552 may be supplied instead)	MA00015156	01

