

**MODIFICATION INSTRUCTION SHEET No DX/4
(SUPERSEDES FIELD MODIFICATION DX2)**

Issue 1/Cat 2

EQUIPMENT AFFECTED: BridgeMaster E ATA/ARPA Processors, 65800T---/R--- fitted with issue 1 or 2 radar processors.

APPLICATION: If required.

OBJECT AND METHOD: To improve video enhance operation and, if DX2 not previously actioned, video presentation

- a) Replace Radar Processor PCB with issue 3.
- b) Modify the Turn Down value if required

TIME REQUIRED: 1 Hour + 2 Hours travelling time maximum

PROCEDURE:

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

- 1 Switch off the radar system and isolate from the ship's supply.
- 2 Referring to the Ships Manual, 65800010B, Chapter 6. From the Processor Unit remove the Radar Processor and replace with item 1.
- 3 Restore ship's power and at the display :-
 - a) Select the 'SYSTEM' menu.
 - b) Access the 'TX SETTINGS' menu
 - c) After Password entry, set the 'TURNDOWN' value to '11'
 - d) Exit the 'TX SETTINGS' and 'SYSTEM' menus
- 4 Check that Radar operation is fully restored.
- 5 Note:- Different gain settings are stored for 'MANUAL' and 'AUTO' modes. These settings may need adjusting after this modification.

MANUAL AMENDMENTS:

Insert a copy of this Modification in the Ships Manual, 65800010B, Chapter 8, 'MODIFICATIONS'. Also insert the Notice attached as per instructions.

MATERIALS REQUIRED:

Item	Description	Code No	Qty
1	Radar Processor (Issue 3 or later)	65800814	01

To be inserted in Ships Manual, 65800010B, between pages 4-12 and 4-13

WARNING

This equipment has been set for use with a modified 'TURNDOWN' value of '11'.

If 'RESET DEFAULTS' is applied this will cause the 'TURNDOWN' value to revert to the original value '6' which must be then manually changed to '11'