MODIFICATION INSTRUCTION SHEET No DX/2   **Issue 1/Cat 2**

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

APPLICATION: If required.

OBJECT AND METHOD: To improve video presentation.

                              a) Replace Radar Processor PCB with issue 2 or later
                              b) Modify the Turn Down value

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'.

MATERIALS REQUIRED:

Item	Description	Code No	Qty
1	Radar Processor (Issue 2 or later)	65800814	01