

MODIFICATION INSTRUCTION SHEET No DX/10

Issue 1/Cat 2

EQUIPMENT AFFECTED: BridgeMaster E Processors, 65800P---, R---, S---, T---, fitted with software Versions 3.00, 3.01 or 3.02

APPLICATION: If required.

OBJECT AND METHOD:

- a) In stand alone systems the input video level setting is lost after switching off, but when switched On again indicates it is set up when it is not. This may cause an apparent loss in performance.
- b) For ARPA and ATA systems, after entering the Name Target dialogue, exiting without naming a target, switching to standby then back to Transmit then target acquisition may not be possible without switching the Processor Off then On.

To prevent the above effects replace the software with version 3.03.

TIME REQUIRED: 1 hour + 2 hours travelling time max

PROCEDURE:

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

- 1 Switch off the radar system and isolate it from the ship's supply.
- 2 Referring to the Ships Manual, Chapter 6, from the Processor Unit remove the Display and Radar Processor PCBs.
- 3 On the Display Processor PCB, fit the new Flash PCBs, items 2 and 3, ensuring the alignment arrows point together.
- 4 On the Radar Processor PCB, fit the new Flash PCB, item 1, ensuring the alignment arrows point together.
- 5 Referring to the Ships Manual, Chapter 6, fit the new Display Processor PCB, new Radar Processor PCB and re-assemble the Processor unit.
- 6 The three old Flash PCB's are to be retained and returned to Mr. J. Donovan at LMS, New Malden, U.K.**
- 7 Restore ship's power and at the display :-
 - a) Select the 'SYSTEM' menu.
 - b) Select the 'SYSTEM STATUS' menu
 - c) Check the 'DISPLAY', 'GRAPHICS' and 'RADAR' versions are 3.03.
- 8 Access the Initialisation Mode and check the System Configuration, I/O Options, Remote

Alarms and Transceiver Settings against the parameters recorded in the 'Initialisation and Commissioning CheckList' at the end of Chapter 4 in the original Ships Manual.
(If necessary to re initialise follow the procedure in the Ships Manual, Chapter 4)

- 9 Reset the Video Input level, (See Ships Manual, Chapter 4, Section 8.4.2), even if SET OK is displayed
- 10 Ensure the 'Initialisation and Commissioning Checklist' in the Ships Manual, is filled in.
- 11 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	Radar Flash PCB	32FAA014	01
2	Graphics Flash PCB	32FAB014	01
3	Display Flash PCB	32FAC014	01