

MODIFICATION INSTRUCTION SHEET No DX/1

Issue 1/Cat 1

**EQUIPMENT AFFECTED:** BridgeMaster E ARPA Processors, 658000RARJ, RARK, RARL, RARR, RARS, RART, RARU, RARV, RARW, RARX, RARY, RARZ, RAVJ, RAVR, RAVU, RAVV, with Radar Processors type 65800814, fitted with version 2.02 software, (for other software versions contact LMS)  
Note: If required the version can be ascertained as given in (5) below.

**APPLICATION:** At next Service.

**OBJECT AND METHOD:** To correct Trial Manoeuvre Relative Vector Length error on Software version 2.02

Replace Programmed Flash Assembly 32FAA007 with 32FAA009 on the Radar Processor.

**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.
- 3 On the Radar Processor PCB locate the programmed flash PCB 32FAA007. Remove the latter and replace with item 1, Flash PCB 32FAA009, ensuring the alignment arrows point together. (32FAA007 PCB to be retained and returned to LMS)
- 4 Referring to the Ships Manual, 65800010B, Chapter 6, replace the Radar Processor PCB and re-assemble the Processor unit.
- 5 Restore ship's power and at the display :-
  - a) Select the 'SYSTEM' menu.
  - b) Select the 'SYSTEM STATUS' menu
  - c) Check the 'DISPLAY' and 'GRAPHICS' versions are 2.02 but the 'RADAR' is version 2.04.
- 6 Check that 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	Programmed Flash PCB	32FAA009	01