

MODIFICATION INSTRUCTION SHEET No DX17-1

Rev A/CAT 1

EQUIPMENT AFFECTED: BridgeMaster E Displays 65821F & 65821F/MU

APPLICATION: Specific units as defined below.

OBJECT AND METHOD: A small number of units, (see serial numbers below), contain a reliability vulnerability due to a defective resistor.
This modification sheet identifies those units that require rectification and details the rectification procedure.

TIME REQUIRED: 0.5 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 it from the ship's supply.
- 2 Check the serial no. of the display if it is between 2688 - 2795, and the serial no. plate does not have a red dot on it then proceed to step 2. If the serial no., is not within the above sequence then no further action is required.
- 3 Open up the display and check the serial no. of the CRT Drive PCB assembly, 65821882. If it is between 819 - 911 then complete the following steps. If it is outside the range of serial no.s then replace the covers mark the display with a red dot on the serial no. plate and take no further action.
- 4 Replace the CRT Drive PCB, CRT Base PCB and CRT Controller PCB, (see ships manual Ch. 6 sec. 3.1.5 & 3.1.6), using item 1 supplied by NGSM. Refit the covers and check that the display functions correctly. Mark the display with a red dot on the serial no. plate.

MANUAL AMENDMENT:

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

MATERIALS REQUIRED:

Item	Description	Code No	Qty
1	CRT Drive Set Assembly	T65821611-4 or above	01