

## MODIFICATION INSTRUCTION SHEET No DX/11-1

Rev B/Cat 1

**EQUIPMENT AFFECTED:** BridgeMaster E 340 Displays, 65826L, P, W and Z

**APPLICATION:** At next Service.

**OBJECT AND METHOD:** To reduce heater voltage and prevent or halt grid contamination, which causes leakage glow, by substituting a modified cable.

**TIME REQUIRED:** 1 hour + 2 hours travelling time max

**PROCEDURE:**

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

1. Check Serial Number of Display. Serial Numbers above 1100 will not require this modification.
2. Check for evidence that this modification is yet to be applied. The identifying label, "DX11 APPLIED" will be placed at various points to show that it has been done.
3. If there is evidence that the CRT is already contaminated i.e. excessive glowing which cannot be adjusted, particularly when the ambient light is very low, then do not proceed any further. This modification will not repair a CRT which displays this symptom.
4. Switch off the radar system and isolate it from the ship's supply.
5. For deck-mounted 340 display monitor, 65826L and 65826W, follow Chapter 6 section 3.1.5 of the Ship's Manual 65800010B "Removal of CRT Display Monitor unit Sub-assemblies" to gain access to the board set. To avoid damaging the tube pins, remove the tubebase board from the tube. Exchange cable 65826526-1 with Item 1 (65826526-2) and reconnect the tubebase board. Further setting-up will not be required. If necessary, the board set may be removed to facilitate this cable exchange.
6. For Kit Monitor module, 65826P and 65826Z, access will normally be gained through a removable panel. Release the two latch levers to gain access to the board set. To avoid damaging the tube pins, remove the tubebase board from the tube. Exchange cable 65826526-1 with Item 1 (65826526-2) and reconnect the tubebase board. Further setting-up will not be required. If necessary, the board set may be removed, by following Chapter 6 section 3.1.5 of the BridgeMaster E Ship's Manual, to facilitate this cable exchange.
7. Affix the supplied identifying labels Item 2 ("DX11 APPLIED") adjacent to existing part label, at top front left of magnetic screen and adjacent to one of the latch levers. A further label should be applied at a readily available nearby position when unit labels already applied are hidden by cabinets.
8. Restore ship's supply and switch on the radar system. Check that the display monitor is functioning correctly.

**9. MANUAL AMENDMENTS:**

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

**MATERIALS REQUIRED:**

Item	Description	Code No	Qty
1	Cable Assy	65826526-2	01
2	Label	91003579	04