LITTON MARINE SYSTEMS: JANUARY 1999

MODIFICATION INSTRUCTION SHEET No TX/1   **Issue 1/Cat 1**

EQUIPMENT AFFECTED: All X-Band transceivers when system fitted with performance monitor, units sold already are:
65810MAR up to and including issue 2
65825MAR up to and including issue 2
65825A issue 1 only
65810A issue 1 only
65810600 up to and including issue 2
65825600 up to and including issue 2
65801801 up to and including issue 6

APPLICATION: At next service.

OBJECT AND METHOD: Performance monitor 'on' arcs do not appear in the correct place with respect to the antenna position and heading marker.

To correct the above, on the Trigger PCB replace U10 device type 32MAB009 with device type 32MAB012.

TIME REQUIRED: 30 minutes

PROCEDURE:

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

1   Switch off radar system and isolate the transceiver from the ship's supply.

2   On a bulkhead transceiver remove the main cover, on a masthead transceiver open the unit.

3   Locate the Trigger PCB assembly, 65801801. Ensuring ESD precautions are observed carefully remove the IC from its socket in position U10 and replace with the new device Item 1. When using the extractor tool, item 2, carefully insert the hook into the corner slots of the socket and gently ease the IC out using several small movements. Note the orientation of the device and ensure it is correctly and fully inserted into the socket.

4   On the transceiver assembly, mark the Type label setting to indicate issue 3. The label is located on the protective cover over the power supply PCB.

5   On a bulkhead unit replace the main cover and mark the Type label to indicate issue 2. On a masthead transceiver close the unit and mark the Type label to indicate issue 3.

6   Restore the power supply to the transceiver, switch the system on and check it is operating correctly. Follow the procedure in the ship's manual for setting up the performance monitor.

MANUAL AMENDMENTS: Not applicable.

MATERIALS REQUIRED:

Item	Description	Code No	Qty
1	Microcontroller U10	32MAB012	1
2	Extractor tool	MA00010389	1