

MODIFICATION INSTRUCTION SHEET No SX/1

Issue 1/Cat 1

EQUIPMENT AFFECTED: BridgeMaster E, S Band Antennas Type 65609A/ -- issue 10 or earlier and 65612A/ -- issue 11 or earlier, secured using Lock Tab 65612170-1.

APPLICATION: At next service.

OBJECT AND METHOD: To improve antenna fixing locking by fitting improved locking tabs 65162170-2.

TIME REQUIRED: 2 Hours

PROCEDURE:

- 1 Switch off radar and isolate from ship's mains supply.
- 2 Gain access to the Antenna and Turning Unit and check the lock tab used by reference to fig 1 and 2. If the new type is fitted no further action is required. If the old type is fitted proceed as follows.
- 3 Follow the procedure given on drawings, item 1 and 2, replacing existing lock tabs, nuts and washers, (according to issue of Antenna), with new lock tabs, item 3, nuts, item 4 and washers, item 5. All threads to be coated with Densopaste on installation.
- 4 If during the removal of the existing nuts the antenna studding comes loose then remove and clean the thread with a wire brush. Refit, using Permabond, item 6, ensuring the studding is fully seated into the antenna body, (the thread should protrude approximately 24mm from the underside of the support casting). Note: Permabond A1046 reaches working strength in 30 minutes and full strength in 24 hours.

MANUAL AMENDMENTS:

- a) Insert a copy of this Field Modification Instruction in the Ships Manual.
- b) In the Ships Manual, Chapter 3, S Band Installation section, add note 'See Field Modification Instruction SX/1'

MATERIALS REQUIRED:

A torque wrench, (not supplied with this kit), will be required for refitting the antenna fixing nuts. This needs to be able to be set for torques in the range 30Nm

Item	Description	Code No	Qty
1	Drawing	A0/65612050-054	01
2	Drawing	A3/65830 052	01
3	Lock Tab	65612170-2	02
4	Nuts, Nyloc	4480074	04
5	Washers plain M12	4709314	04
6	Permabond A1046, (50ml)	MA00009944	01
7	Densopaste 30gm tube	9037446	01

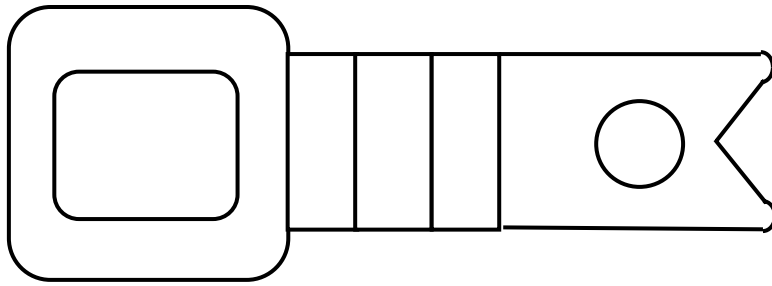


FIG 1 NEW STYLE LOCK TAB 65612170-2+



FIG 2 OLD STYLE LOCK TAB 65612170-1