

SPERRY MARINE UK
Service Bulletin No. 49

Product: **BridgeMaster E Series Radars**

Subject: **Advisory Notice: S Band Turning Units**

Please be aware that the following Advisory Notice has been issued.

This notice contains important safety information for onward distribution to users and owners of the above product.

NORTHROP GRUMMAN SPERRY MARINE
ADVISORY NOTICE
January 2004

Products

Product Line: BridgeMaster E S-Band Turning Unit

Part Numbers: 65830Mxx or 65830Bxx

Notice

Northrop Grumman Sperry Marine has become aware of a limited number of installations where the S-Band antenna has broken free of its turning unit mounting leading to the antenna falling away from its mast position.

This situation appears to be associated with extreme weather conditions or instances where the unit is experiencing abnormally high levels of shock or vibration.

While the frequency of such occurrences is very small, as a precautionary measure we are providing the following advice to users and owners of the above equipment and are recommending the following steps:

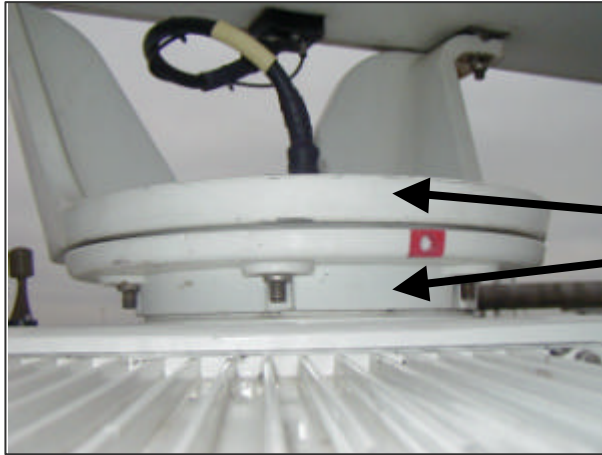
Advice for a Precautionary Visual Examination

At the earliest safe opportunity, the S-Band turning unit installation should be examined by a competent person, referring to the BridgeMaster E Ships Manual 65800010B. Chapter 7 - Routine Maintenance (also available on our web site www.sperry-marine.com).

In addition to the routine prescribed maintenance to be performed once every six months, we advise that the following steps also be taken at this time. This inspection schedule should be repeated at six monthly intervals or earlier in the event that the vessel has been exposed to abnormally severe weather.

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1. Visually inspect the entire torque tube & turntable at areas indicated. Check for anything abnormal such as signs of wear, damage, corrosion or cracks.



EXAMINE THESE
AREAS AROUND
THE WHOLE
CIRCUMFERENCE

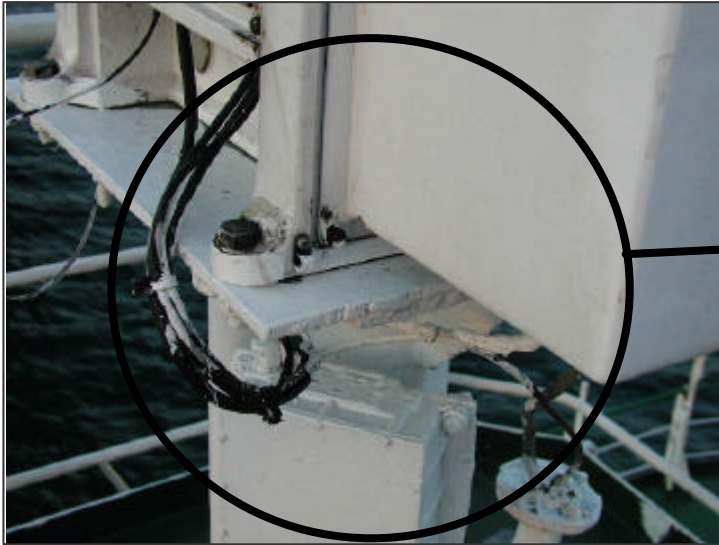
2. Visually inspect the antenna and support casting at the areas indicated. Look for anything abnormal such as signs of wear, damage, corrosion or cracks.



EXAMINE THIS
AREA

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3. Visually inspect the condition of the securing arrangement of the turning unit to the support structure. Check for signs of wear, damage, corrosion or cracks.



EXAMINE THESE
AREAS

4. Visually inspect the condition of the support structure for corrosion, rigidity or damage to integrity. Check that the support structure is mechanically suitable for the purpose of holding the radar head in position without excessive vibration or shock.



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Follow-Up Action

In the event that visual inspection of either the radar or its supporting structure reveals any of the conditions noted above, we recommend that appropriate safety measures be taken to secure the installation in order to prevent any further damage, deterioration or possible collapse.

In the event that visual inspection of the supporting structure reveals any of the conditions noted above, we recommend that you have such conditions remedied at the earliest possible opportunity and to contact our field service network to ensure that no additional damage has occurred to the radar unit as a consequence.

If the radar turning unit shows any signs of deterioration, we strongly recommend that you contact our field service network at the earliest possible opportunity to arrange for a service visit, with the following details and your vessel's itinerary.

Part Number of the Turning Unit e.g. 65830 MFR

Part Number of the Antenna e.g. 65612 A

Serial Number of the Turning Unit.....

Serial Number of the Antenna

Ship's Name

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