

BELZONA REBUILDS RUDDER PINTLE HOUSING

CUSTOMER

Dry Docking Company - Vancouver, British Columbia - Canada

APPLICATION DATE

September 1999

APPLICATION SITUATION

The rudder pintle housing was oversize and needed to be rebuilt

PROBLEM

A breakdown of the seal had allowed seawater to enter the housing causing bi-metallic corrosion.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet SOS-3.

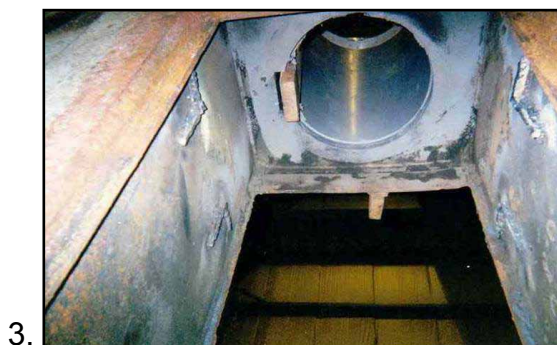
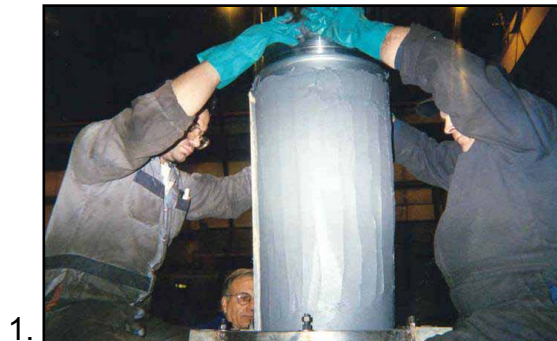
BELZONA FACTS

Rebuilding rudder pintle housing in this manner has three major advantages over a conventional repair.

1. It eliminates stress cracking as no heat is involved.
2. It reduces dry docking time and
3. It solves the problem of bi-metallic corrosion.

PICTURES

1. View of coated rudder pintle one being inserted into the bore which has also been pre-coated.
2. The pintle now completely inserted and extruded material removed.
3. The pintle removed showing reformed bore giving 100% contact with the pintle.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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