

BELZONA REBUILDS A RUDDER PINTLE HOUSING

ID: 677



PROBLEM

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

APPLICATION SITUATION

The rudder pintle housing was oversized and needed to be rebuilt

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

INDUSTRY

Marine

LOCATION

Dry Docking Company - Vancouver,
British Columbia - Canada

APPLICATION DATE

September 1999

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel

PHOTOS

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 khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com


BELZONA