

BELZONA REBUILDS ERODED RUDDER PINTLE HOUSING

ID: 5301



PROBLEM

Bi-metallic corrosion had eroded much of the metal (about ¼ inch) from the rudder pintle housing.

APPLICATION SITUATION

Eroded rudder pintle housing

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-3.

BELZONA FACTS

Using Belzona eliminated the need for extensive welding and line boring. The application was completed in less than 12 hours.

INDUSTRY

Marine

LOCATION

BC, Canada

APPLICATION DATE

August 1999

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel

PHOTOS

1. View of blasted rudder housing.
2. Housing coated with Belzona 1321 to increase slip factor.
3. Rudder in position on horizontal slide partially inserted.
4. Rudder pintle inserted and allowed to set up before being removed with the aid of a 30 ton hydraulic jack. The reformed bore was inspected by the ships insurers and found to provide almost 100% contact.

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

Copyright © 1952-2026 Belzona International Limited.