

BELZONA REBUILDS ERODED RUDDER PINTLE HOUSING

ID: 5301

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*

Customer Location: *BC, Canada*
Application Date: *August 1999*

Substrate: *Mild steel*
Products: ** Belzona 1311 (Ceramic R-Metal) ,*
** Belzona 1321 (Ceramic S-Metal) ,*

Problem

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



Photograph Descriptions

- * View of blasted rudder housing. ,
- * Housing coated with Belzona 1321 to increase slip factor. ,
- * Rudder in position on horizontal slide partially inserted. ,
- * 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. ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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