

BELZONA RESEATS NEW RUDDER BEARING

ID: 1480



PROBLEM

Severe corrosion and impact wear led to destruction of the old bronze bearing and ovality of its housing. As a result a new Orkot bush bearing was manufactured and had to be reseated in the irregular bearing housing.

APPLICATION SITUATION

Ships rudder pintle bearing

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-9. The injection of Belzona® 1321 was done through injection ports drilled in the bearing wall.

BELZONA FACTS

Bonding the bush in place with Belzona is a proven application and is time and cost saving procedure in comparison with traditional repair which would have involved welding and boring.

INDUSTRY

Marine

LOCATION

Dockyard, Bulgaria

APPLICATION DATE

June, 2010

PRODUCTS

Belzona 1221 (Super E-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron and Orkot bearing

PHOTOS

1. Bearing housing after blasting
2. Orkot bearing inserted and fixed
3. Injection procedure in progress
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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