

BELZONA RESEATS NEW RUDDER BEARING

ID: 1480

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

Customer Location: *Dockyard, Bulgaria*
Application Date: *June, 2010*

Substrate: *Cast iron and Orkot bearing*
Products: ** Belzona® 1221 (Super E-Metal),*
** Belzona® 1321 (Ceramic S-Metal),*

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 resealed in the irregular bearing housing.



Photograph Descriptions

- * Bearing housing after blasting ,
- * Orkot bearing inserted and fixed ,
- * Injection procedure in progress ,
- * Completed application ,

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.

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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