

BELZONA RESEATS NEW RUDDER BEARING BUSH

ID: 1027

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

Customer Location: *Dockyard, Bulgaria*
Application Date: *January, 2008*

Substrate: *Cust Iron and Bronze*
Products: *Belzona® 1221 (Super E-Metal)<div>Belzona® 1321 (Ceramic S-Metal)</div>*

Problem

Severe corrosion and impact wear of the bush housing resulted in annular gap between the housing and the bearing bush in excess of 8 mm.



Photograph Descriptions

* Severe corrosion on the housing clearly evident after blasting , * New bearing bush with drilled injection ports and jacking bolts for alignment , * Sealing the bottom of the bush with Belzona® 1221 , * Injection of Belzona® 1321 completed ,

Application Situation

Ships rudder 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

Keeping the bush in place and insulated from the housing with Belzona provides resistance against galvanic corrosion.

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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