

# 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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9000 Registered Quality  
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