

RESEATING NEW RUDDER BUSH WITH BELZONA

ID: 1083

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

Customer Location: *Ship Dockyard, Bulgaria*
Application Date: *November 2007*

Substrate: *Cast Iron housing and Bronze bush*
Products: ** Belzona® 1221 (Super E-Metal),*
** Belzona® 1321 (Ceramic S-Metal),*

Problem

Corrosion damages and wear led to increased annular space between the bush and its housing and irregular form of the bush housing.



Photograph Descriptions

- * The housing prepared by blasting and ready for bush assembly. ,
- * The new bearing bush prepared with thread profile and longitudinal channels to accommodate plastic pipes for injection and to serve as locking keys to prevent bush rotation. ,
- * Sealing the bottom of the new bush with Belzona® 1221. ,
- * Completed application. Belzona® 1321 completely filled annular space. Pintle with metal shims were used for bush alignment. ,

Application Situation

Installation of new pintle bearing bush in worn pintle bearing housing.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-9.

Belzona Facts

Belzona saved time and money against an expensive machining of the housing and supply of larger bush. No alternative was fast enough to compete. This standard repair procedure eliminates galvanic corrosion and provides long term location of the bush.

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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