

# BOW THRUSTER PROTECTION WITH BELZONA

ID: 4645

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

Customer Location: *Dockyard, Montenegro*  
Application Date: *November, 2008*

Substrate: *Cast iron*  
Products: *\* Belzona 1311 (Ceramic R-Metal) ,*  
*\* Belzona 1321 (Ceramic S-Metal) ,*

## Problem

*Pitting damage caused by erosion/corrosion to the bow thruster.*



## Photograph Descriptions

- \* Bow thruster ,
- \* Pitting damage clearly evident ,
- \* Reinforcing Tape being combined with Belzona 1311 ,
- \* Belzona 1321 protective coating applied to complete the job ,

## Application Situation

Bow thruster on cargo vessel

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and 2.

## Belzona Facts

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve

Belzona's excellent time saving renewal and protection method was a fraction the cost compared to replacement and dry-dock time consuming alternative. Restoration with Belzona was done in 48 hours, resulting in long term erosion/corrosion protection.

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