

# BELZONA COATS CAPSTANS AND SAVES CUSTOMER THOUSANDS OF DOLLARS

ID: 5300

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Marine, South Louisiana, USA  
Application Date: April 2014

Substrate: Steel  
Products: \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1341 (Supermetalgilde) ,  
\* Belzona 9111 (Cleaner/Degreaser) ,

## Problem

Capstans had been pitted and deformed because of chains that had been used to anchor to dock. Chains had been replaced by new technology rope which were being damaged by the uneven and rough capstan surfaces.



## Photograph Descriptions

- \* 1. Capstan after hydro-blasting ,
- \* 2. Belzona 1311 being applied by Technician ,
- \* 3. Belzona 1341 final coating ,
- \* 4. Finished product on both capstans ,

## Application Situation

Pitted and deformed capstans

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SOS-2.

## Belzona Facts

Belzona products were chosen as they could be applied in place, repair the metal to protect the ropes from further damage which would improve the service life of the expensive ropes as well as the metal capstans. Had the Belzona repair and coating not been used, the price to replace the ropes would have been over \$90,000. The material and labor cost was less than 10% and both

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.

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capstans were repaired.

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