

# BELZONA RESTORES RUDDER STOCK TO ORIGINAL DIMENSIONS

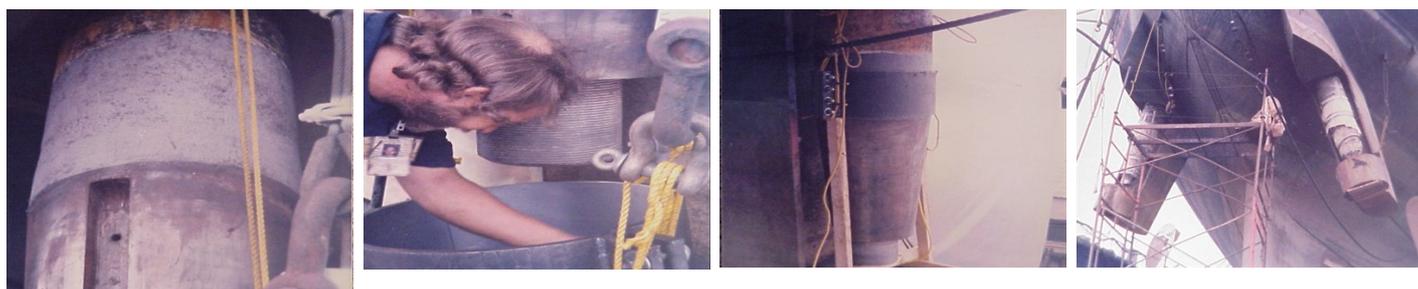
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Industry: *Marine*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Stainless steel*  
Products: *Belzona® 1111 (Super Metal)*

Customer Location: *United States Navy*  
Application Date: *Various since 1980*

## Problem

*Corrosion of port and starboard rudder stock seals, resulting in 1/4" (6mm) metal loss on the diameter*



## Photograph Descriptions

\* Seal area suffering from corrosion. , \* Application of release agent to former. , \* Split sleeves in place. , \* Completed application.

## Application Situation

Rudder Stock Seal Areas.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

A two piece sleeve was fabricated from 1" (25mm) plate, rolled and machined to tolerance. Inside diameter was 22" (559mm). The same former was used on both rudders, each repair taking one day to complete, and allowing the vessel to undock on time.

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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