

# Belzona repairs and protects rudder stock

ID: 4038

Industry: *Marine*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Egypt*  
Application Date: *August 2007*

Substrate: *Carbon Steel*  
Products: *\* Belzona 1111 (Supermetal) ,*  
*\* Belzona 1321 (Ceramic S-Metal) ,*

## Problem

*Ships rudder stock was suffering from the effects of erosion-corrosion*



## Photograph Descriptions

- \* 1. Corrosion-erosion damage. ,
- \* 2. Belzona 1111 successfully applied ,
- \* 3. Belzona 1321 successfully applied ,
- \* 4. Back in service after repair completion ,

## Application Situation

Ships rudder stock needed rebuilt and protected

## Application Method

This repair was carried out in accordance with MPT-1. The damaged area was rebuilt using Belzona 1111 (Supermetal) before the area was protected from further damage with Belzona 1321 (Ceramic S-Metal).

## Belzona Facts

Belzona can successfully reverse the effects of corrosion-erosion damage by restoring machinery to its original dimensions. This can be achieved with minimal downtime and can be further protected by a Belzona corrosion resistant coating.

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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