

# BELZONA REBUILDS CONTACT AREA ON RUDDER ASSEMBLY

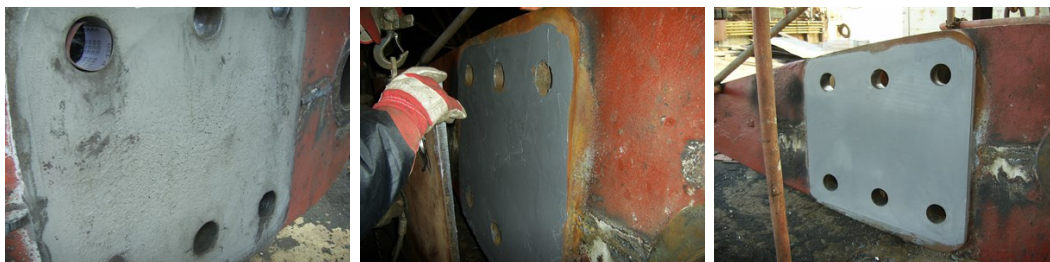
ID: 1082

Industry: Heating, Ventilation & Air Conditioning  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Cast Iron  
Products: Belzona® 1111 (Super Metal)

Customer Location: Ship Dockyard, Bulgaria  
Application Date: February, 2008

## Problem

*Lost contact area due to ingress of sea water after bolt connection failure*



## Photograph Descriptions

\* Badly corroded flange of the steering blade , \* Forming plate placed to form the flange , \* The blade ready to be assembled , \* Assembly ready to be bolted up ,

## Application Situation

Rudder stock to rudder blade flange coupling

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet GSS-8.

Steel plate treated with Belzona Release Agent was used to form the Belzona® 1111 on the flange face. This new face was then used to reform the rudder stock flange face.

## Belzona Facts

Belzona saved machining of the mating surfaces. Belzona solution is corrosion resistant, straight forward, time and cost effective.

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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