

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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manufactured under an ISO
9000 Registered Quality
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