

BELZONA REBUILDS CONTACT AREA ON RUDDER ASSEMBLY

CUSTOMER

Ship Dockyard, Bulgaria

APPLICATION DATE

February, 2008

APPLICATION SITUATION

Rudder stock to rudder blade flange coupling

PROBLEM

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

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Cast Iron

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.

PICTURES

1. Badly corroded flange of the steering blade
2. Forming plate placed to form the flange
3. The blade ready to be assembled
4. Assembly ready to be bolted up



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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