

# BELZONA REBUILDS RUDDER PINTLE HOUSING

ID: 5388

Industry: *Marine*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *BC, Canada*  
Application Date: *September 1999*

Substrate: *Steel*  
Products: *\* Belzona 1311 (Ceramic R-Metal) ,*  
*\* Belzona 9411 (Release Agent) ,*

## Problem

*Rudder pintle housing was badly eroded /corroded and required rebuilding.*



## Photograph Descriptions

- \* View of rudder pintle liberally coated with Belzona 1311. ,
- \* Pintle fully inserted and centered using a jig tack welded to the top of the rudder. ,
- \* Completed application. Note finish of newly formed bore. ,

## Application Situation

Rudder pintle housing

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-3.

## Belzona Facts

Repairing the pintle housing using Belzona 1311 eliminates the probability of developing stress cracks and can be completed in less time. The repair also eliminates the possibility of bi-metallic corrosion taking hold again as it isolates the two metals present in the housing assembly.

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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