

# BELZONA SAVED RUDDERS FROM CAVITATION ATTACK

ID: 5458

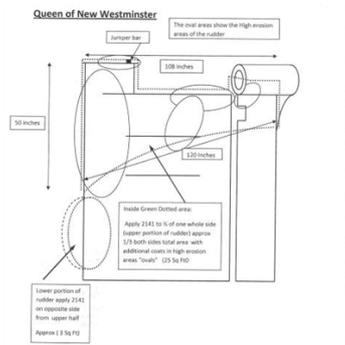
Industry: *Marine*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *BC, Canada*  
Application Date: *November 2008*

Substrate: *Steel*  
Products: *\* Belzona 1341 (Supermetalglide),  
\* Belzona 2141 (ACR-Fluid Elastomer),  
\* Belzona 2941 (Elastomer SP-Conditioner),*

## Problem

*Various areas of the rudders were subject to severe cavitation problems.*



## Photograph Descriptions

- \* Diagram showing areas subject to severe cavitation attack ,
- \* Some of the areas to which the material was applied ,
- \* Completed application ,

## Application Situation

Rudders

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SOS-2.

## Belzona Facts

The polyurethanes based material is designed to absorb the shock generated by cavitation and in doing so, it protects the underlying metal surfaces from cavitation attack. Belzona extends the rudders' working life.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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