

# BELZONA KEEPS THIS PASSENGER FERRY RUNNING SMOOTHLY

ID: 345

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Ferry operator, British Columbia, Canada  
Application Date: April 2002

Substrate: Steel  
Products: \* Belzona® 2141 ,  
\* Belzona® 1341 (Supermetalglide) ,  
\* Belzona® 1121 (Super XL-Metal) ,

## Problem

The sides and trailing surfaces of this large rudder horn suffered from cavitation and significant metal loss.



## Photograph Descriptions

- \* Cavitation clearly evident ,
- \* Rebuilding with Belzona® 1121 (Super XL-Metal) ,
- \* Belzona® 2141 being applied ,
- \* Final application ,

## Application Situation

Rudder horn of large ferry vessel.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and SOS-2.

## Belzona Facts

Belzona® 2141 has exhibited excellent cavitation resistance as document-ed by the ARL at Penn State. Alternatively, you would have to weld up hundreds of damaged areas or cut out a large section and weld in new plate.

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  
Management System.

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