

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

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

www.belzona.com

**BELZONA**
Repair • Protect • Improve