

BELZONA CAVITATION DAMAGE REPAIRED ON CRUISE SHIP PROPELLERS

ID: 118

Industry: *Marine*

Customer Location: *Cruise Ship*

Application: *SOS-Ships and Offshore Structures*

Application Date: *February 1995*

Substrate: *Stainless steel*

Products: ** Belzona® 1311 (Ceramic R-Metal) ,*

Problem

Propellers on cruise ship had cavitation damage on all four blades of both propellers.



Photograph Descriptions

- * Starboard propeller after grinding ,
- * #4 starboard propeller after Belzona® 1311 application ,
- * #2 port propeller after Belzona® 1311 application ,

Application Situation

Ship propellers

Application Method

The application was carried out in accordance with Belzona Know-How Leaflet SOS-1.

Belzona Facts

Repairs were accepted by Lloyds Register surveyor and by Russian Certification Society. About 1 kg of Belzona® 1311 (Ceramic R-Metal) (about \$170) was used.

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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