

Belzona Repairs Cavitation Damage On Cargo Ship

ID: 8298

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

Customer Location: *Shipyards, TURKEY*
Application Date: *August 2019*

Substrate: *Steel*
Products: ** Belzona 1311 (Ceramic R-Metal) ,*
** Belzona 9111 (Cleaner Degreaser) ,*

Problem

High cavitation damage under the stern flange of the propeller shaft



Photograph Descriptions

- * Cavitation damage surface ,
- * After surface preparation ,
- * Application of Belzona 1311 ,
- * After Belzona application ,

Application Situation

Area under the propeller shaft flange of a Cargo Ship

Application Method

Application was carried out in accordance with Belzona Know-How system Leaflet SOS-01. Application surface prepared with grit blasting to achieve SA2½. Surface then cleaned with Belzona 9111. Belzona 1311 was used to repair the damaged surface.

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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Repair • Protect • Improve

Belzona Facts

Repair with welding is time consuming and may not be a definitive solution. Repair of the damaged area with Belzona provides easier, faster and protective solution against cavitation damages.

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