

LUXURY YACHT P FRAMES PROTECTED FROM CAVITATION WITH BELZONA® 2141

ID: 897

Industry: *Buildings & Structures*

Application: *CEP-Centrifugal Pumps*

Substrate: *Aluminum*

Products: ** Belzona® 2141 (ACR-Fluid Elastomer) ,
* Belzona® 2941 Elastomer SP-Conditioner) ,*

Customer Location: *Private Leisure Customer in Florida*

Application Date: *April 2003*

Problem

Cavitation had caused erosion of the parent metal and threatened the structural strength of the component if left untreated.



Photograph Descriptions

- * Original condition of component ,
- * Close up of cavitation damage ,
- * Belzona® 2141 mid application ,
- * Belzona® 2141 after 12 months (overcoated with antifouling) ,

Application Situation

Propeller shaft support brackets of a luxury yacht. This craft is 46.63m long and equipped with a 13,000hp CODAG power plant capable of 50 Knots through a combined twin-prop and waterjet arrangement.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-2. A conventional anti-fouling was applied over the Belzona® 2141.

Belzona Facts

Inspection of the Belzona® 2141 system after 12 months service in this aggressive environment showed no attack to the Belzona coating.

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
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