

LUXURY YACHT P FRAMES PROTECTED FROM CAVITATION WITH BELZONA 2141

ID: 897



PROBLEM

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

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.

INDUSTRY

Buildings & Structures

LOCATION

Private Leisure Customer in Florida

APPLICATION DATE

April 2003

PRODUCTS

Belzona 2141 (ACR-Fluid Elastomer)
Belzona 2941 Elastomer SP-Conditioner)

SUBSTRATE

Aluminum

PHOTOS

1. Original condition of component
2. Close up of cavitation damage
3. Belzona 2141 mid application
4. Belzona 2141 after 12 months (overcoated with antifouling)

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

