

BELZONA REPAIRS ERODED AND CAVITATED RUDDER HORN

ID: 5295



PROBLEM

Bi-metallic corrosion had eroded much of the metal around the pintle mounting area, while the leading edge was subject to severe cavitation attack.

APPLICATION SITUATION

Eroded rudder horn

APPLICATION METHOD

Belzona 1311 rebuilt the eroded trailing portion of the horn. Then it was protected with 2 coats of Belzona 1341. Leading edge was primed with Belzona 2941 in preparation of Belzona 2141 application. The application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and SOS-2.

BELZONA FACTS

Using Belzona eliminated the need of extensive welding to restore the lost metal.

INDUSTRY

Marine

LOCATION

BC, Canada

APPLICATION DATE

April 2002

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1341 (Supermetalgilde)
Belzona 2941 (Elastomer SP-Conditioner)
Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Cast steel

PHOTOS

1. View of application in progress.
2. Application of Belzona 2141 in progress.
3. Completed application.

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

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under an ISO 9001 Registered
Quality Management System.

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