

BELZONA PROPELLER REPAIR - TUGBOAT

ID: 556



PROBLEM

The propellers were severely corroded-eroded. A previous coating had failed; holes and pitting were found in many locations.

APPLICATION SITUATION

Voith Schneider® Propellers on a large tugboat.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and SOS-2.

BELZONA FACTS

Welded joints were the most severely damaged areas, but additional welding to repair the problem would cause heat distortion and unacceptable delay in drydock. Belzona was the best solution to repair and protect this equipment.

INDUSTRY

Marine

LOCATION

Port Authority, Egypt

APPLICATION DATE

June 2005

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. General view of the tugboat
2. Erosion-corrosion evident
3. Surface after blasting
4. Application of Belzona to protect the propellers

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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