

BELZONA PROPELLER REPAIR - TUGBOAT

CUSTOMER

Port Authority, Egypt

APPLICATION DATE

June 2005

APPLICATION SITUATION

Voith Schneider® Propellers on a large tugboat.

PROBLEM

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

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (ceramic S-Metal)

SUBSTRATE

Steel

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.

PICTURES

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



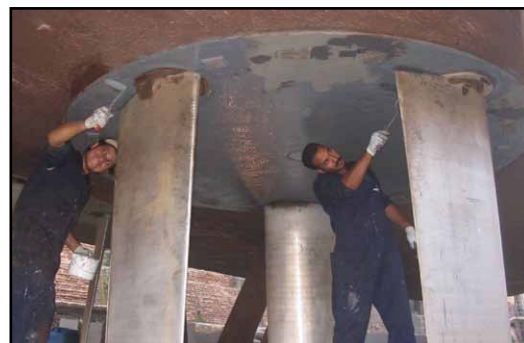
1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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