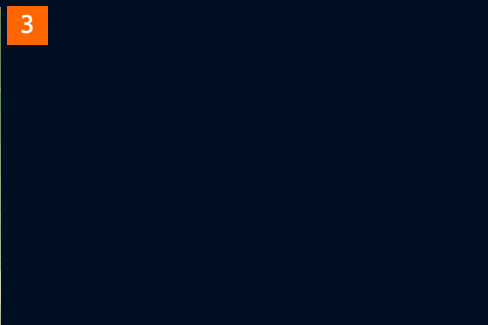


BOW THRUSTER REPAIR WITH BELZONA

ID: 1423



PROBLEM

Erosion/corrosion effects made severe pitting damage to the whole bow thruster and supporting pillar due to bad cathodic protection.

APPLICATION SITUATION

Bow thruster of cargo vessel

APPLICATION METHOD

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

BELZONA FACTS

Replacement of the badly eroded bow thruster body was planned for the next dry-dock but immediate replacement was not an option due to delivery time constraints. Belzona was chosen for its durable, fast and inexpensive application. The whole repair was done within a 48 hour period, restoring an even surface profile with additional protective coating for long erosion/corrosion resistance.

INDUSTRY

Marine

LOCATION

Dockyard, Bulgaria

APPLICATION DATE

November, 2009

PRODUCTS

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

SUBSTRATE

Cast iron

PHOTOS

1. General view of bow thruster
2. Belzona 1311 used to rebuild damaged surface and restore profile
3. First coat of Belzona 1321 applied
4. Second coat of Belzona 1321 applied to complete application

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

