

BELZONA REPAIRS AND PROTECTS ERODED TUG BOAT KORT NOZZLES

CUSTOMER

BC, Canada

APPLICATION DATE

August 2001

APPLICATION SITUATION

Eroded tug boat kort nozzles

PROBLEM

Bi-metallic corrosion had eroded much of the metal and welds adjoining the stainless steel insert positioned in the center of the nozzle.

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel and stainless steel

APPLICATION METHOD

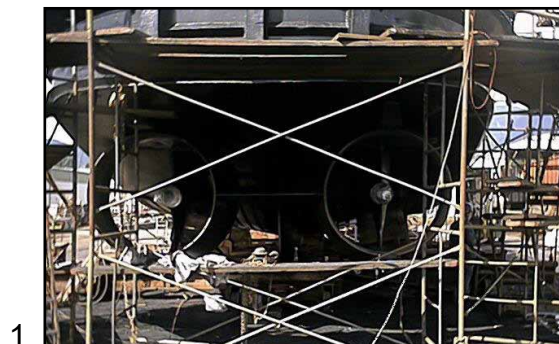
The application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 & SOS-2.

BELZONA FACTS

Tugs used for hauling log booms up and down the coastline. Original application had taken place in 1996. Sections of the kort nozzle had to be replaced because of excessive internal corrosion. Much of the original coating and rebuilt areas were still in good condition. The owner was happy to reapply Belzona once the new sections were in place and welding complete. Rebuilding the nozzles with Belzona 1311 eliminates excessive welding. Coating the repaired area with Belzona 1321 improves the abrasion resistance of the surfaces and eliminates bi-metallic corrosion.

PICTURES

1. View of vessel in dry dock
2. Repairs to eroded and damaged areas in progress
3. Completed application



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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