

# BELZONA REBUILDS AND PROTECTS KORT NOZZLE

ID: 751

Industry: *Marine*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Vancouver, BC Canada*  
Application Date: *August 2001*

Substrate: *Mild Steel / Stainless steel insert*  
Products: *\* Belzona® 1311 (Ceramic R-Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*Erosion and damage.*



## Photograph Descriptions

- \* View of tug boat in dry dock ,
- \* First coat of Belzona® 1321 applied before the damaged areas were rebuilt with Belzona® 1311 ,
- \* Completed application ,

## Application Situation

Tug boat kort nozzles

## Application Method

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

## Belzona Facts

This vessel had originally been repaired and protected with Belzona in 1996 and much of the coating was still in place five years later. Because of corrosion from the inside sections of the nozzles they needed to be replaced. Once this was completed customer insisted that the welded areas be faired in with Belzona® 1311 and the nozzles protected with Belzona® 1321.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
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