

# Cargo ship bow thruster repaired with Belzona

ID: 8553

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

Customer Location: *Tunisia*  
Application Date: *November 2007*

Substrate: *Carbon Steel*  
Products: *\* Belzona 1311 (Ceramic R-Metal) ,*

## Problem

*Thruster tunnel suffers from erosion/corrosion that leads to cavitation and pitting*



## Photograph Descriptions

- \* 1 : Vessel out of water ,
- \* 2 : Significant pitting on upper surfaces ,
- \* 3 : Completed Application ,

## Application Situation

Vessel in shipyard required resurfacing of bow thruster tunnel before launch

## Application Method

The repair was carried out in accordance with Belzona System Leaflet SOS 02. Damaged area was roughened to have a minimum profile depth of 3 mil and degreased with Belzona 9111. Belzona 1311 was applied to fill the pitting.

## Belzona Facts

Simple, rapid and cost effective solution

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

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