

# BELZONA USED FOR EMERGENCY BOW THRUSTER REPAIR

ID: 5445

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

Customer Location: *BC, Canada*  
Application Date: *August 1993*

Substrate: *Steel*  
Products: *\* Belzona 1311 (Ceramic R-Metal) ,*  
*\* Belzona 1321 (Ceramic S-Metal) ,*

## Problem

*Bow thruster insert was suffering from major corrosion-erosion problems.*



## Photograph Descriptions

- \* Preparation of bow thruster underway with a check on actual metal thickness. ,
- \* Close up showing extent of problem. ,
- \* Completed application. ,

## Application Situation

Bow thruster

## Application Method

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

## Belzona Facts

The use of Belzona ensured that the repair could be carried out effectively, quickly and eliminating welding. This also reduced dry dock time as the vessel was in for an inspection only when the bow thruster became an additional issue of concern.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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