

# BELZONA REFURBISHMENT OF MOORING WINCH BRAKE DRUM

ID: 85

Industry: *Marine*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Dockyard*  
Application Date: *April 1992*

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

Problem  
*Erosion/corrosion*



## Photograph Descriptions

- \* Surface grit-blasted to SA2.5 ,
- \* Guide plate in place ,
- \* Rebuilt with Belzona® 1311 ,

## Application Situation

Mooring winch brake drum with a diameter of 1150mm and width of 150mm.

## Application Method

In accordance with Belzona® System leaflet MPT-1.

## Belzona Facts

This is one of 95 similar applications completed to date. The cost of welding the drum, including removal, would have been \$7,000 with the winch out of service for a week. The Belzona solution cost about \$1,200 and takes only one and a half hours.

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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