

# BELZONA RESTORES A RUDDER STOCK TO ORIGINAL DIMENSIONS

ID: 824

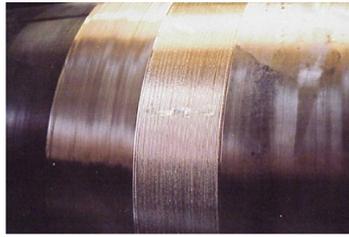
Industry: *Military*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *United States Navy*  
Application Date: *Various since 1980*

Substrate: *Carbon Steel and Bronze*  
Products: *\* Belzona® 1111 (Super Metal) ,*

## Problem

*Shaft worn by mechanical action of the seals on the steel and bronze liners.*



## Photograph Descriptions

- \* Shaft being centered in lathe ,
- \* Rough thread surface preparation ,
- \* Final machining ,

## Application Situation

Rudder Stock Seal Areas.

## Application Method

The application was carried out using the Belzona MPT-1 System Procedure.

## Belzona Facts

This application has been carried out on various US Navy Ships. In this case the diameter of the Rudder Stock was 37 inches (934mm), weighing 22 tons and the displacement of this 30+knots Cruiser was 8,100 tons.

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

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