

# BELZONA'S ABS APPROVED PROCEDURE USED TO REPAIR PROPELLER BOLT HOLES

ID: 337

Industry: *Marine*

Customer Location: *MSTS (Military Sealift Command) in Florida, USA*

Application: *SOS-Ships and Offshore Structures*

Application Date: *April 1998*

Substrate: *Bronze*

Products: *\* Belzona® 1111 (Super Metal) ,*

## Problem

*Excessive pitting on the propeller was due to a combination of crevice corrosion and general corrosion caused vibration and uneven distribution of load.*



## Photograph Descriptions

- \* View of military sealift command vessel ,
- \* View of the ships propeller ,
- \* Applying Belzona® 1111 (Super Metal) to the bolt holes ,
- \* Finished applications being cured ,

## Application Situation

Bolt holes in propeller.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SOS-17.

## Belzona Facts

Eliminates the possibility of crevice corrosion. 0% Shrinkage means a perfect fit and no opportunity for vibration. ABS approved BEL-FPB-100 is the procedure that was used.

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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9000 Registered Quality  
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