

# BELZONA 'RUBS' TUGBOAT THE RIGHT WAY

ID: 47

Industry: *Marine*

Customer Location: *Crowley Marine, Long Beach, California, U.S.A.*

Application: *SOS-Ships and Offshore Structures*

Application Date: *August 1997*

Substrate: *Rubber*

Products: *\* Belzona® 2111 (D&A Hi-Build Elastomer),*

## Problem

*Split rub-rail*



## Photograph Descriptions

- \* Motor vessel projector. ,
- \* Split rub-rail. ,
- \* Applying Belzona® 2111 (D&A Hi-Build Elastomer). ,
- \* Finished application is ready for service. ,

## Application Situation

When installed, the outer edge of the large rubber extrusion is under tension and the inner edge is under compression. During vessel assist operations, the rub rail (15,000 lbs each) split.

## Application Method

Application was carried out in accordance with Belzona Know-How Leaflet SOS-12.

## Belzona Facts

The job was successful. Rub rails still split but not where Belzona was applied. Now they cut out the split and bond in a new section with Belzona® 2111 (D&A Hi-Build Elastomer).

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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