

# TOWBOAT FENDER REPAIR

ID: 8939

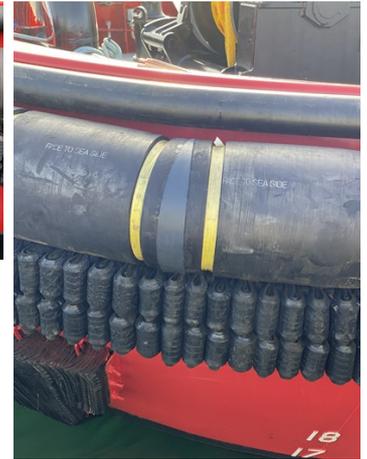
Industry: *Marine*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *SEATTLE, WA, UNITED STATES*  
Application Date: *June 2022*

Substrate: *Rubber*  
Products: *Belzona 2221 (MP Fluid Elastomer), Belzona 2911 (Elastomer QD Conditioner)*

## Problem

*INTERLOCKING FENDER DELAMINATED.*



INTERLOCKING FENDER SEAM SEPARATED.

PREPARING THE SUBSTRATE.

ATTACHING FORM.

COMPLETED REPAIR.

## Application Situation

FENDER COULD NOT BE REMOVED BY SHIPYARD TO REAPPLY TRADITIONAL ADHESIVE. TIME WAS CRITICAL TO THE SALE OF THE NEW VESSEL.

## Application Method

SUBSTRATE WAS PREPPED USING LONG SHAFTED DIE GRINDER.

SS SCREWS WERE INSTALLED AS ANCHOR POINTS.

## Belzona Facts

CUSTOMER NEEDED A LOCAL SOLUTION VERSUS RETURNING TO THE HOME PORT OF THE MANUFACTURER. REMOVAL OF THE FENDER SYSEM REQUIRES 2 CRANES AND A LARGE AREA. THIS REPAIR WAS HANDLED WITH MINIMAL IMPACT.

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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