

# Belzona repairs vessel skag

ID: 9009

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Scotland  
Application Date: March 2023

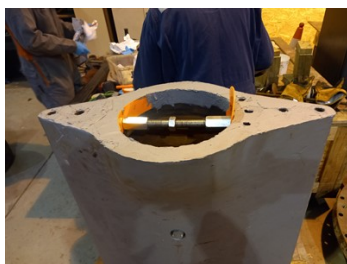
Substrate: Carbon steel  
Products: Belzona 1111 (Super Metal)

## Problem

Erosion & corrosion had taken its toll on a marine skag. There was significant metal loss in need of repair before the part could go back into service



Surface preparation carried out & Belzona 1111 applied



Belzona 1111 built up over the full surface



Close up of inner edge forming



The repair area machined back down to the required dimensions

## Application Situation

A new part had a 16 week lead time, an unacceptable wait for the customer

## Application Method

The corroded areas were prepared using grinding tools to get back to bare metal & to roughen the surface. Belzona 1111 was then applied ~2mm proud of the surface. Applicator tools were used to form the inner bearing surface. Once the Belzona 1111 had reached its initially cure stage it was machined back down to the original equipment dimensions.

## Belzona Facts

The Belzona repair was completed in a matter of days. This saved the customer greatly in time & cost when compared to waiting for a whole new skag to be delivered.

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

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