

# Belzona Saves Fishing Boat Cooling-Water Circulating Pump

ID: 7678

Industry: *Fluid Flow*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Bronze*  
Products: *\* Belzona 1311 (Ceramic R-Metal) ,*  
*\* Belzona 1321 (Ceramic S-Metal) ,*

Customer Location: *Fishing Company, Netherlands*  
Application Date: *December 2017*

## Problem

*Cooling-water circulating pump, totally damaged by cavitation.*



## Photograph Descriptions

- \* 1. Damaged pump casing. ,
- \* 2. Pump repaired and coated. ,
- \* 3. Damaged impeller. ,
- \* 4. Impeller repaired and coated with Belzona. ,

## Application Situation

31 year old damaged pump.

## Application Method

Application was carried out in accordance with Belzona system leaflet CEP-3. The pump and impeller prepared by gritblasting. Damage in the pump and impeller was rebuilt with Belzona 1311 and coated with Belzona 1321. The impeller was balanced and pump rebuilt with original parts.

## Belzona Facts

It was impossible to buy a new pump, because these pumps were no longer manufactured. If the Customer bought a new pump then they would of had to buy several more new pieces of equipment downstream of the pump. The Belzona solution avoided these costly measures and will extend the service life of the pump.

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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