

# Keeping the Pilots Afloat with Belzona

ID: 537

Industry: Marine  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Aluminium  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Docks and Harbour Authority - UK  
Application Date: May 2005

## Problem

*The folded and welded seams of the Aluminium tank had become porous, allowing diesel fuel to leak out.*



## Photograph Descriptions

- \* The pilot vessel docked. ,
- \* Preparation and detail of weld seam. ,
- \* The Belzona being applied. The restricted working area is evident. ,
- \* Detail of the finished repair. ,

## Application Situation

Leaking fuel oil tank on board a harbour pilot transfer vessel.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-1.

## Belzona Facts

Belzona was chosen as a means of providing an effective, long lasting repair. Alternatives would have been to try to weld the damaged areas but as it was the weld seams that were leaking and there was very tight access this was deemed impractical. There was also the contamination and presence of diesel to contend with which further ruled out the use of any hot work. The repair was carried out over the course of two days to allow for full curing of the material before pressure testing and then returning the vessel to service.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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