

KEEPING THE PILOTS AFLOAT WITH BELZONA

CUSTOMER

Docks and Harbour Authority - UK

APPLICATION DATE

May 2005

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Aluminium

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.

PICTURES

1. The pilot vessel docked.
2. Preparation and detail of weld seam.
3. The Belzona being applied. The restricted working area is evident.
4. Detail of the finished repair.



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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