

# BELZONA REPAIRS HOLES IN US NAVY SHIP

ID: 5355

Industry: *Marine*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *VA, USA*  
Application Date: *2011*

Substrate: *Steel*  
Products: *\* Belzona 1111 (Super Metal) ,*

## Problem

*The bulkhead in the intake plenum has holes rusted through the steel.*



## Photograph Descriptions

- \* Three holes are shown in the intake plenum. Two large and one small. ,
- \* A thorough grinding of the bulkhead and the steel plates is completed. ,
- \* The completed repair is shown. Belzona 1111 was used to bond the plates over the holes. ,

## Application Situation

A US Navy ship ready for deployment needed a quick repair before leaving.

## Application Method

The application was carried out in accordance to a modified version of Belzona Know-How System Leaflet TCC-1. The bulkhead and steel were thoroughly grinded to prepare the surface. Steel doubler plates were bonded over the holes with Belzona 1111.

## Belzona Facts

Belzona was the only fast and effective solution to the problem. Welding was not allowed. The application was completed without using hot work thanks to Belzona 1111's cold bonding properties.

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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9000 Registered Quality  
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