

# BELZONA HELPS PROTECT OFFSHORE PLATFORM LEGS AT WATERLINE

ID: 1591

Industry: Oil & Gas

Customer Location: Major Oil & Gas Producer, Gulf of Mexico

Application: SOS-Ships and Offshore Structures

Application Date: May, 2010

Substrate: Carbon Steel

Products: \* Belzona® 1161 (Super UW Metal) ,  
\* Belzona® 5831 (ST Barrier) ,

## Problem

Due to corrosion and impact damage platform legs were at risk of losing structural integrity. Client wanted to terminate damage to avoid further deterioration. Customer had welded top and sides of halfwrap without welding bottom, due to water/wave action. Corrosion had actually accelerated between the leg and halfwrap.



## Photograph Descriptions

- \* Platform leg showing typical damage ,
- \* Halfwrap being installed ,
- \* Application of Belzona 1161 to seal bottom seam ,
- \* Injection of Belzona 5831 to fill cavity between leg and halfwrap ,

## Application Situation

Platform legs damaged by corrosion and impact from service/crew boats at the waterline.

## Application Method

Application was carried out in accordance with modified Belzona Know-How System Leaflet SOS-8. Belzona 1161 was used to seal

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

Belzona products are  
manufactured under an ISO  
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the bottom of split shells, and Belzona 5831 was then injected to fill cavity between platform leg and steel wrap.

## Belzona Facts

Customer came to local Belzona Distributor for solution. Belzona surface tolerant materials allowed area to be completely sealed. Thus the possibility of corrosion was eliminated. Customer has completed 32 leg repairs and scheduled more for the next few years.

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