

## BELZONA FLANGE REPAIR SYSTEM SAVES MONEY

### CUSTOMER

Offshore Oil Company - UK North Sea

### APPLICATION DATE

November 2003

### APPLICATION SITUATION

Flange faces on 16", 300lb crude oil transfer hoses

### PROBLEM

External corrosion on the flange faces had resulted in the hoses not being able to seal correctly and as a result were considered no longer fit for purpose.

### PRODUCTS

Belzona® 1321 (Ceramic S-Metal)

Belzona® 9411 (Release Agent)

### SUBSTRATE

Galvanised steel.

### APPLICATION METHOD

A procedure based around Belzona Know-How System leaflet VPF-9 was used to reform the flange faces.

### BELZONA FACTS

The four hoses shown in the picture represent a cost to the customer if replaced of approximately £100,000 (\$160,000). All four hoses were effectively covered and tested to 18 bar according to International (OCIMF 1991) and Dunlop Oil & Marine Test Guidelines. This was done for a fraction of the cost of replacement hoses.

### PICTURES

1. Four floating hoses awaiting repair
2. Close up showing corrosion damage and plugs and shims fitted into place
3. Completed application, awaiting dressing down and pressure testing



1.



2.



3.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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