## OFFSHORE FLOATING HOSES REPAIRED AND PROTECTED WITH BELZONA

ID: 2959

Industry: Oil & Gas Customer Location: North Sea, UK
Application: VPF-Valves, Pipes and Fittings Application Date: June 2011

Substrate: Steel

Products: \* Belzona® 1321 (Ceramic S Metal),

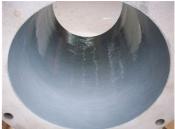
#### Problem

Corrosion pitting damage on flange faces caused by crevice corrosion posed a severe environmental hazard.









### **Photograph Descriptions**

- \* Tanker hoses awaiting repair,
- \* Belzona® 1321 coating inside the hose,
- \* Completed flange face reform,
- \* Internal coating on spool,

### **Application Situation**

Oil tanker offloading hose spool pieces.

# **Application Method**

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-2 & 13. A prefabricated aluminium former was used to create new flange face surface with Belzona® 1321 including gramaphone thread finish. A protective coating of Belzona® 1321 was applied inside the spool to offer protection against erosion-corrosion.

#### **Belzona Facts**

Replacement was unacceptable due to long lead times and cost. Belzona solution gave quick back in service time together with improved corrosion resistance making such repairs extremely cost effective.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

BELZONA®
Repair • Protect • Improve