

MOORING WINCH BONDED TO DECK WITH BELZONA

ID: 5974



PROBLEM

Due to issues with welding and passive fire protection installed on deck, an alternative solution was needed to bond a mooring winch to a deck structure.

APPLICATION SITUATION

The application was executed onboard the Flotel jackup rig "Haven", located on the North Sea Ekofisk oil field.

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet GSS-9. Four 450mm x 450mm doubler plates were bonded to the deck with Belzona 1111.

BELZONA FACTS

After the application was finished, the winch was tested to 5 tonnes x 1,5 safety factor. The test of 7 tonnes was then executed in cycles. After confirming that the winch can hold 5 tonnes of sideways force for 2,5 hours, the winch assembly was accepted.

INDUSTRY

Oil & Gas

LOCATION

Flotel, Arendal, Norway

APPLICATION DATE

May, 2011

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. View of the deck
2. Dry-fitting the winch
3. Bonding application using Belzona 1111
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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