

ADVANCED ONLINE DESANDING

Workscope

Stork delivered Online Non Intrusive sand removal on a North Sea Installation's separators using the state of the art, Advanced Online De-sander (AOD) Skid.

The workscope involved removal of sand from vessels during the dayshift and deposit removed sand in Drill Cuttings Bins (DCB). During the nightshift, removed sand was washed to under 1% oil on sand and discharged overboard.

Solution

Stork mobilised a team of five personnel and Spot, Rugged & Pressure tested equipment to the client's satisfaction.

Removed sand was washed and analysed prior to being discharged overboard.

Results & benefits

Successfully de-sanded seven tonnes of potentially NORM contaminated sand from the separators using the AOD Skid without the need for well shut in, vessel entry or extended shut down. Client saved significant costs and the sand removal extended the period between shut downs and maintained separator performance.

Overall, this project was completed with zero safety or environmental incidents. A high performance standard was achieved through the efficient, safe operation from Stork's trained and competent crew who provide verification by Thermographic Imaging. Reflective of this is the excellent client feedback received and the completion of actual desanding in 4 hours.

Project information:

Location:

- UK North Sea

When:

- 2007, 2008 & 2010

Division:

- Environmental & Decontamination

Safety:

- Project delivered with no lost time incidents

Environmental:

- Seven tonnes of sand disposed in line with discharge consent

Innovation:

- Advanced Online Desander Skid

Completion time:

- Actual desanding completed in 4 hours

FPAL Rating:

- 8.7 (see service code 3.05.13)

