

ADVANCED ONLINE DESANDING

Workscope

Stork completed 14 worksopes between 2009 & 2014 to complete online desanding on an FPSO's First and Second Stage Separator (20-VA-001 & 20-VA-002) using the state of the art, Advanced Online Desander (AOD) Skid.

The worksopes involved removal of sand from vessels, which was then washed and analysed to ensure an under 1% oil on sand prior to discharge overboard.

Solution

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

Removed sand was washed and analysed prior to being discharged overboard. The workscope was completed in 13 days (924 man hours).



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Results & benefits

Vessels successfully de-sanded 22.75 tonnes of 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 an overboard discharge average of 0.06%, 548ppm & zero safety incidents. A high performance standard was achieved through the efficient, safe operation from Stork's trained and competent crew. Reflective of this is the excellent client feedback received and an average FPAL rating of 9.5 (see service code 3.05.13).

"The reports regarding the desanding workscope have been very positive."

Process Engineer

Project information:

Location:

- UK North Sea

When:

- 2009 to 2014

Division:

- Environmental & Decontamination

Safety:

- Project delivered with no lost time incidents

Environmental:

- 22.75 tonnes of sand disposed in line with discharge consent

Innovation:

- Advanced Online Desander Skid

FPAL Rating :

- 9.5 (see service code 3.05.13)

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