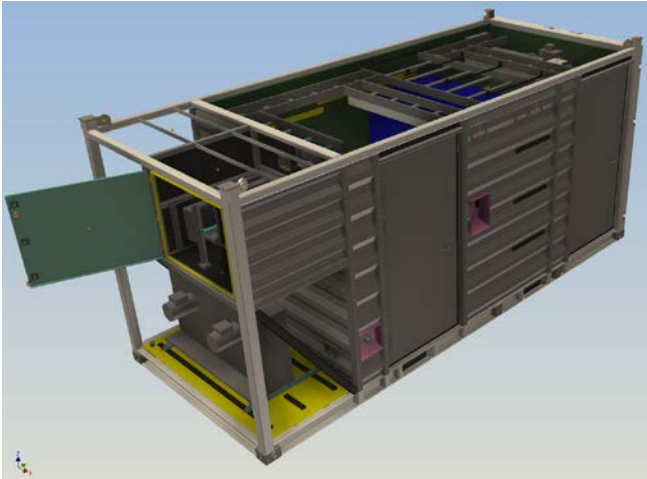


# JOB REPORT



## 20 FOOT VSD CONTAINER



Year	: 2008
Project Name	: Oseberg C Mud Pump
Operator / Client	: Hydro / ABB
ATC project no.	: 2188 / 2220
Size (L x W x H mm )	: 6058 x 2438 x 2800
Weight (kg)	: Designed for Max total lift of 10,000 kg
Materials	: 4 mm Mild Steel, painted to Norsok M-501
Classification	: A60, insulation in floor, walls and roof.
Certification	: DNV rules 2.7.1

### Project Description / Challenges:

The VSD container was one of 2 required out on Oseberg C for housing the Variable Speed Drive cabinets for the Mud Pumps.

The design was based on a standard 20 foot Offshore container, modified to house the VSD's and **AC system** which was a split cooling system, with 45 kw cooling capacity, Ex supply fan and 6 Kw heater was also supplied.

Delivery time was extremely short 18 weeks from start to finish.

# JOB REPORT

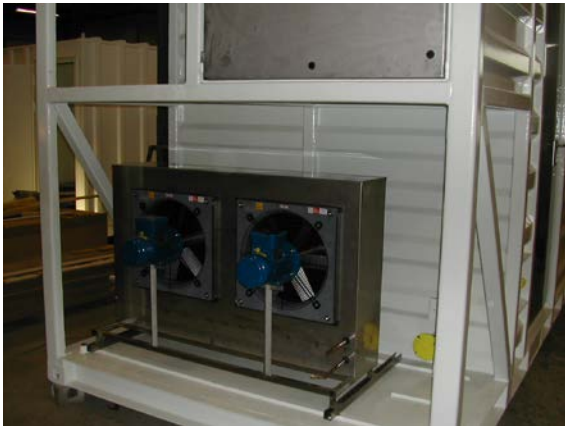


## Scope of Work:

ATC's scope included detailed design, fabrication and outfitting and testing of the complete container, including electrical (all equipment zone 2), Instrumentation, HVAC and controls.

**The electrical design** included internal wiring with both normal and emergency lighting.

All electrical installation was completed onshore with interface connections to the main platform supply.



AC Split Unit mounted on outside of container



HVAC and VSD Cabinet

**Instrumentation** included smoke detectors, gas detectors, flow switches, pressure differential switches and temperature transmitters



Completed Container, ready for delivery