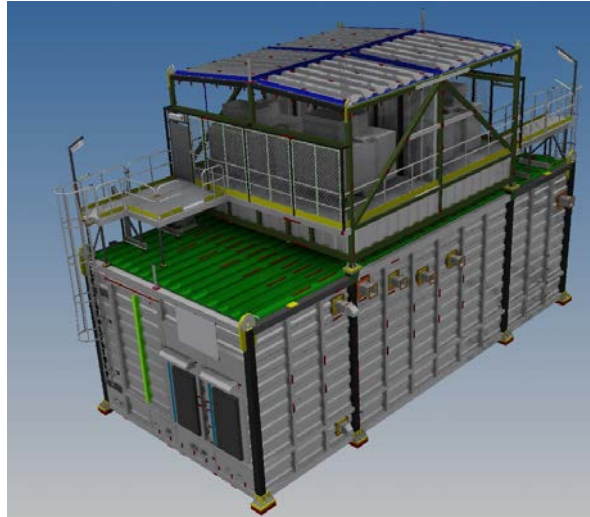


JOB REPORT



POWER CONTROL MODULE TO ANGOLA



Year : 2012
Project Name : Clov Project
Operator : Total
ATC project no. : 1805

Size (L x W x H mm) : 18000 x 7950 x 11620
Weight (kg) : 249,000
Material : 5 mm Mild Steel, painted to Totals own spec.
Classification : H60 / J30 (Jet fire)
Certification : DNV verification and survey

Project Description

The Clov field is located approximately 200 km off the coast of Angola.

The complete power control Module was designed to withstand lifting operations, transportation to yard and to the FPSO vessel motions during operation. A blast overpressure of 0,5 Bar was also included in the calculations.

Total's own specifications were applicable and in addition Norsok N-003, NFPA fire fighting rules and DNV RP C205 for Environmental loads, were used.

Chartek was applied to the outside of the module to ensure the J30 rating.

JOB REPORT



Scope of Work:

ATC's scope included design engineering, fabrication, outfitting, mechanical completion and testing of the module.

Multi-discipline responsibility was given to ATC, which involved, structural, layout, design delivery and installation of complete HVAC system, ductwork, piping, Fire and Gas System (Inergen fire fighting)



The module was fabricated in Poland and transported to Norway in November 2011 for outfitting



Skidding the Air Handling Units into the module