

Project: BP PSVM (Plutão, Saturno, Vênus and Marte) FPSO Project

Ultimate Client: BP Exploration (Angola) Ltd.

Client: MODEC

Location: Angola

Project Type: Offshore

Scope: Fabrication of 22 topside modules (including major process units and power generation modules) with the heaviest weighing near to 1,500 tons. Delivered in 2010.

Highlights:

- Topside modules total weighs near to 20,000 tons – the heaviest total topside weights for a single project.
- One of the largest conversion projects executed in the industry.
- The first ultra-deepwater development in the continent of Africa and the largest subsea development in the industry at the year of completion, due to the combination of water depth and geographical spread.



BP PSVM FPSO

Details:

- Located in the north-eastern sector of Block 31, about 400 km northwest of Luanda, Angola.
- Water depth of about 2,000m. First FPSO in Angola ultra-deep water.
- Production capacity of 157,000 b/d oil with 2 million barrels of storage capacity.
- Capable of processing 245 MMSCFD/D of gas
- Converted FPSO is designed for 20 years of deployment without drydocking.

Achievements / Awards:

- Delivered within budget and ahead of schedule.
- Near zero defects in all exotic material duplex welding.
- Achieved million construction manhours with no Lost Time Incident (LTI)