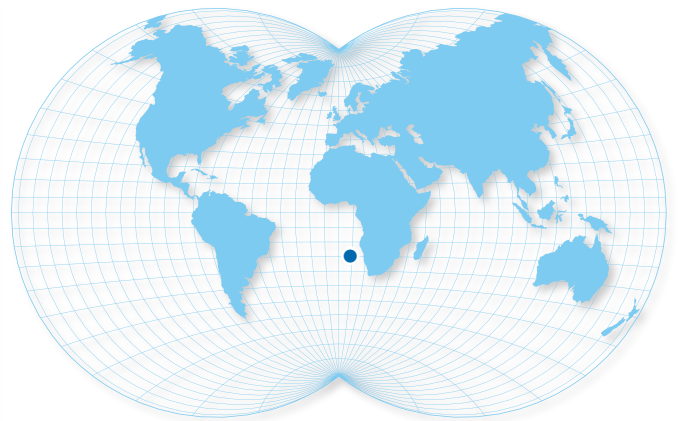


GULF OF GUINEA BLOCK 17 FIELD, ANGOLA:

FPSO PazFlor Spread Mooring



Scope of Work

SOFEC designed spread mooring piles, mooring legs, pull-in and installation equipment for the FPSO.

Located 150 kilometers offshore Angola, Pazflor comprises four reservoirs covering an area of 600 square kilometers, lying under 1,200 to 2,100 meters of sediment in water depths of 600 to 1,200m.

The SOFEC spread mooring system is BV classed.

General Description

Client Name:	DSME (EPC) TOTAL (Owner)
Contract Award:	March 2008
Installation Date:	July 2011
First Oil:	August 2011
Vessel Size:	477,067 dwt
Storage Capacity:	2,000,000 bbls
Water Depth:	823m (2,699ft)

Design Environmental Criteria

(100-year squall storm)

Significant Wave Height:	4.5m (15ft)
Wind Velocity:	28.1m/s (54.6 knots)
Surface Current:	1.63m/s (3.2 knots)

Mooring System

- 16-leg (4x4) chain system
- 132mm R3 studless chain
- 122mm sheathed spiral strand wire
- Suction piles

Riser System

- 24 Risers - initial
- 20 Risers - future