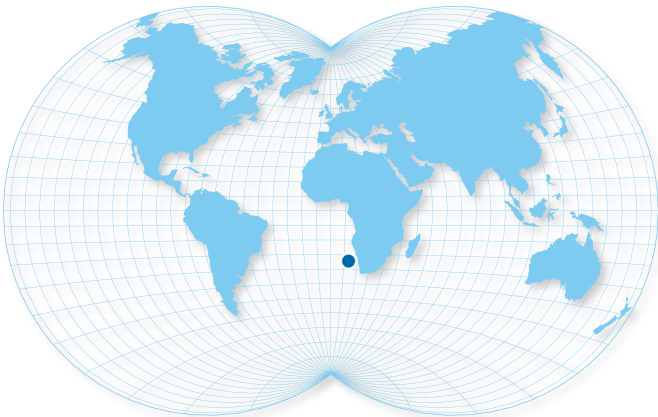


# NEMBA FIELD, ANGOLA:

## FPSO Jamestown Spread Mooring



### Scope of Work

SOFEC designed and supplied a permanent spread mooring system for installation on an Early Production System (EPS) in 112m water depth for Chevron’s Nembã Field Development off Cabinda, Angola.

SOFEC supplied an eight leg anchoring system and the design and supply of deck-mounted equipment including horizontal sheaves and chain support assemblies.

### General Description

Client Name:	J. Ray McDermott (leased to Chevron Texaco)
Contract Award:	March 1995
Installation Date:	October 1995
First Oil:	January 1996
Vessel Size:	41,528 dwt
Storage Capacity:	185,000 bbls
Water Depth:	112m (367ft)

### Design Environmental Criteria (100-year storm)

Significant Wave Height:	4.3m (14ft)
Wind Velocity:	23.1m/s (45 knots)
Current:	1.1m/s (2.1 knots)

### Mooring System

- 8-leg Spread mooring:
- 3.25-in. Chain
- 3.5-in. Wire rope
- 15mt high holding power drag embedment anchors