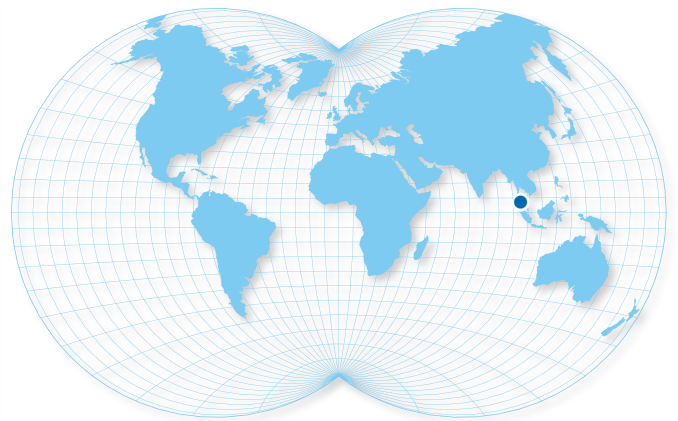


LANGSA FIELD, INDONESIA:

FPSO Langsa Venture MV8

Spread Mooring



Scope of Work

SOFEC designed and supplied the spread mooring anchor lines, on-vessel chain support and installation equipment for the 35,000 dwt MV8 Langsa Venture FPSO for MEDCO MOECO Langsa Ltd. The ABS classed, SOFEC spread mooring is an eight leg system in 100m water depth. The MODEC-converted FPSO is in the Langsa fields, offshore North Sumatra in the Malaccan Straits.

General Description

Client Name:	MEDCO MOECO Langsa Ltd.
Contract Award:	March 2001
Installation Date:	November 2001
First Oil:	November 2001
Vessel Size:	35,000 dwt
Storage Capacity:	270,000 bbls
Water Depth:	100m [328ft]
Fabrication:	Vessel - Singapore Topsides - Singapore

Design Environmental Criteria [50-year storm]

Significant Wave Height:	5.7m [18.7ft]
Wind Velocity:	24m/s [46.7 knots]
Current:	1.1m/s [2.1 knots]

Mooring System

- Spread Mooring:
- 8-leg spread mooring
- 3.5-in. mooring chain [35m] Top chain
- 3.5-in. [125m] Ground chain
- 3.5-in. 6-strand wire [600-900m]
- Driven pile

Riser System

- 3 x 4-in. Flexible riser