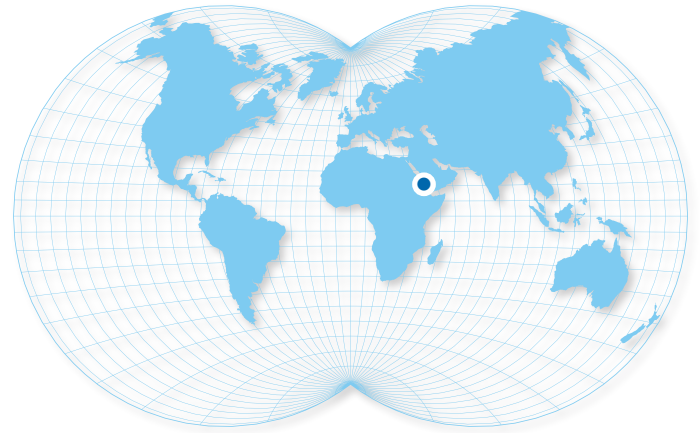


RAS ISSA PENNINSULA, RED SEA, YEMEN: SEPOC RAS ISSA CALM Buoy



Scope of Work

SOFEC designed, constructed, fabricated and installed a Catenary Anchor Leg Mooring (CALM) Buoy System.

The SOFEC CALM Buoy SPM system is American Bureau of Shipping (ABS) classed.

General Description

Client Name:	SAFER Exploration & Production Operations Company
Contract Award:	April 2014
Installation Date:	Planned for 2017
Application:	Export Crude Oil

Project Specifications

Water Depth (MSL):	32.5m (107ft)
Tanker Size:	300,000 DWT
Buoy Dimension:	12.5mØ x 5.3m
Floating Hose:	2 x 20-in. reducing to 16-in.
Underbuoy Hose:	2 x 20-in. Chinese Lantern
Hauser System:	Dual 15-in. x 55m long

Anchor Leg System:	3.35-in. studless chain
Anchor System:	Driven piles

Design Environmental Criteria

Significant Wave Height:	6.25m (20.5ft)
Wind Velocity:	51.4m/s (100 knots)
Surface Current:	0.74m/s (1.43 knots)