

JEBEL DHANNA, UNITED ARAB EMIRATES: Jebel Dhanna #2 CALM



Scope of Work

SOFEC designed, constructed, and installed a CALM Buoy system to accommodate up to 450,000 dwt tankers.

General Description

Client Name:

Contract Award: **Installation Date: Application:**

Abu Dhabi Company for Onshore **Oil Operations (ADCO)** October 1998 July 1999 Crude Oil Export

Project Specifications

Water Depth **Tanker Size** Dimension Floating Hose: **Underbuoy Hose:** Hawser System: Anchor Leg System: Anchor System:

23m (60ft) 450,000 dwt 11mØ x 4.5m 2 x 20-in. 2 x 20-in. Chinese Lantern 14-in. Single grommet 6 x 3-in. ORQ 13mt Drag anchors

Design Environmental Criteria

Operational

Survival

Current:

Significant Wave Height: Wind Velocity: Current:

1.3m (4.3ft) 28.8m/s (56 knots) 1 m/s (1.95 knots)

Significant Wave Height: Wind Velocity:

2.2m (7.2ft) 42.7m/s (83 knots) 1 m/s (1.95 knots)

Comments

This SOFEC export CALM system was installed in 23m water depth. This includes extension of the existing 36-in. sealines and removal of two existing CBM. This is the fourth project in which SOFEC has been involved in the replacement of a CBM system with a more efficient SPM system and the second for ADCO.