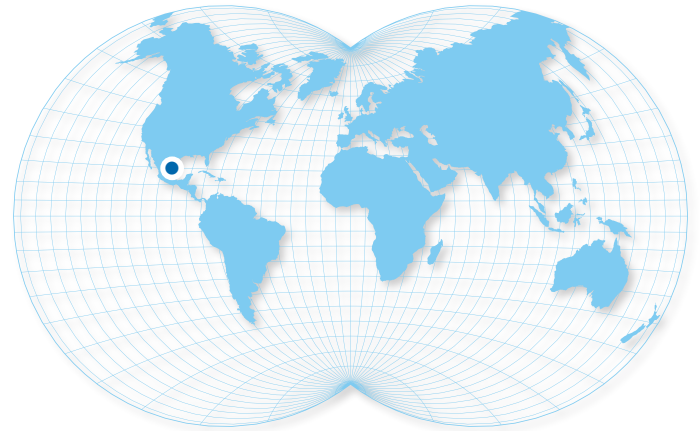
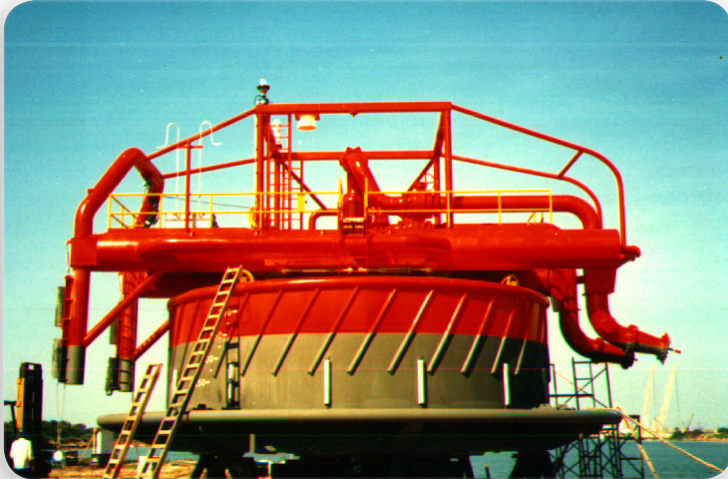


# TUXPAN, MEXICO: CFE #1 CALM



## Scope of Work

The SOFEC CALM system was designed and fabricated to import heavy fuel oil feedstock for a power plant. The fluid transfer system was designed to allow circulation of hot diesel after every unloading.

## General Description

Client Name:	Comision Federal de Electricidad (CFE)
Contract Award:	January 1988
Installation Date:	September 1988
Application:	Heavy Fuel Oil Import

## Project Specifications

Water Depth:	15.2m (50ft)
Tanker Size:	45,000 dwt
Dimension:	9.5mØ x 3m
Floating Hose:	2 x 16-in.
Underbuoy Hose:	2 x 16-in. Chinese Lantern
Hawser System:	13-in. Single hawser
Anchor Leg System:	4 x 3-in. Grade U3
Anchor System:	25T StaRyte anchors

## Design Environmental Criteria

Operational	
Significant Wave Height:	1.8m (5.9ft)
Wind Velocity:	12.5m/s (24.3 knots)
Surface Current:	0.5m/s (0.97 knots)

Survival	
Significant Wave Height:	3.3m (10.8ft)
Wind Velocity:	25m/s (48.6 knots)
Surface Current:	0.8m/s (1.55 knots)

## Comments

This terminal was the first of several that were required for local power plants constructed by Comision Federal de Electricidad around the coast of Mexico.