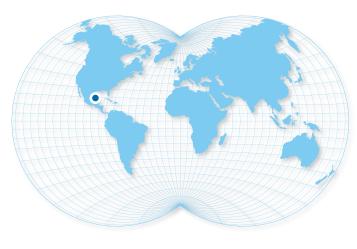


TUXPAN - MEXICO: PEMEX TUXPAN CALM





Scope of Work

SOFEC designed and supplied three replacement Catenary Anchor Leg Mooring (CALM) Buoys for PEMEX REFINACIÓN in Mexico, at the Rosarito, Tuxpan and Salina Cruz. The buoys are designed to transfer gasoline, diesel, MTBE and/or TAME via tankers up to 60,000 DWT. Each buoy is capable of transferring up to 15,000 bbl/hr of cargo.

The CALM Buoy for the Maritime and Port Operations, Rosarito, Baja California, is located in 23 meters of water and connects to existing anchor chains via four equally spaced dual-flapper style chain support assemblies.

General Description

Client Name: Contract Award: Installation Date: Application: Flow Capacity: PEMEX REFINACIÓN April 2012 April 2013 Tansfer of Gasoline and Diesel 15,000 bbl/hr

Project Specifications

| Water Depth: | 23.5m (77t) |
|--------------------|-----------------------------------|
| Tanker Size: | 160,000 dwt |
| Dimension | 11mØ x 4.5m |
| Fluid Swivel Type: | Duəl Pəth |
| Floating Hose: | 2 x 16-in. |
| Underbuoy Hose: | 2 x 16-in. Chinese Lantern |
| Mooring Bridle: | Single Leg |
| Anchor Leg System: | 4 x 3.25-in. Stud Link (existing) |

Design Environmental Criteria

| Significant Wave Height: | Not Available |
|--------------------------|---------------|
| Wind Velocity: | Not Available |
| Surface Current: | Not Available |