SOFEC Marine Terminals operate in a wide range of environments and water depths, and are designed for all tanker sizes trading in today's markets.

SOFEC's standardization of design leads to low cost, field proven technology.

SOFEC's more than 4 decades of experience results in proven custom designs when special purpose applications are required.

SOFEC designs are approved by all major Classification Societies.

Key Features

1. Surge Relief System
2. Fluid Swivel
3. Fluid Swivel Seals & Bearing Detail
4. Fluid Swivel Valves (Centerwell & Turntable)
5. Expansion Joint
6. Underbuoy Hose Connection
7. Floating Hose Connection
8. Mooring Bridle
9. Underbuoy
10. Maintenance Winch
11. Catenary Buoys
12. Surfactant Dosing System
13. Dual Boat Landings
14. Self-Closing design for ease of chain installation and maintenance.
15. Hydraulic Power Unit located on geostationary side and within dry compartment. Precludes need for hydraulic swivel and provides protection from environment.
16. Fluid Swivel Seals replaceable in-situ for greater operational availability.
17. Self-Closing design for ease of chain installation and maintenance.
18. Fully sealed to prevent seawater intrusion with redundant seals top and bottom.
19. Self-Closing design for ease of chain installation and maintenance.
20. Fully sealed to prevent seawater intrusion with redundant seals top and bottom.

Technical Features

Product Flow Path
1. Fluid Swivel
2. Valves (Centerwell & Turntable)
3. Expansion Joint
4. Underbuoy Hose Connection
5. Floating Hose Connection
6. Surge Relief System

Structural Load Path
1. Chain Support
2. Main Bearing
3. Mooring Bridle

Ancillary Equipment
1. Nav Aids & Solar Panels
2. Telemetry & Control System
3. Hydraulic Power
4. Maintenance Winch
5. Dual Boat Landings
A Global Leader in the supply of Offshore Marine Terminals

SOFEC, Inc.
15011 Katy Freeway
Suite 500
Houston, Texas 77094
713.510.6600

sofec.sales@sofec.com

© Copyright 2020, SOFEC, Inc.