



EXTERNAL TURRET MOORING SYSTEM

Trusted Design | Quality Workmanship | Proven Experience

THE BEDROCK OF THE SOFEC PRODUCT LINE



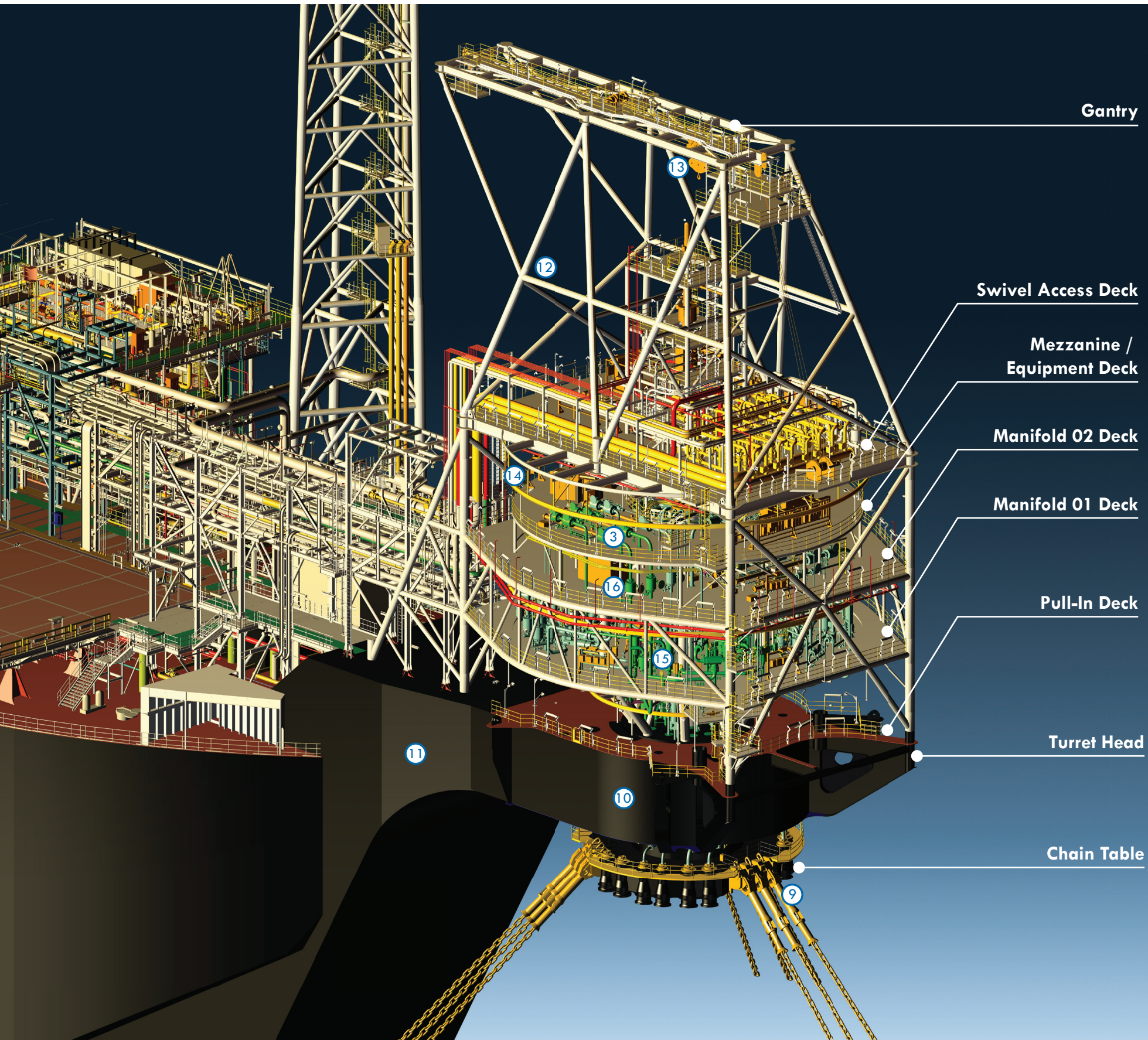
From Marine Terminals on a fast track basis to turnkey developments for an FPSO or FSO, SOFEC has the technology, experience, and resources to get the job done on time and on budget.

SOFEC, Inc. is a leader in the development and supply of Single-Point Mooring (SPM) systems, and is continually engaged in research involving new and improved tanker mooring systems and associated components.

Turret mooring permits the F(P)SO to "weathervane" 360 degrees, allowing for continual operations in extreme sea conditions.

Using model test data in conjunction with computer analyses to optimize system designs, SOFEC is unsurpassed in producing the highest quality systems at the lowest possible cost.

SOFEC External Turrets moor F(P)SOs in both shallow and deep water, for cyclone prone areas and for service in ice congested Arctic waters.



Key Features

- SOFEC External Turret Mooring Systems are designed for water depths from 30 to more than 1,500 meters.
- The system can operate with gas and/or produced fluids (water, gas, oil, and condensate).
- With more than 45 years experience in the design, supply and fabrication of mooring solutions, SOFEC External Turret Mooring Systems have been in operation since 1988.
- External Turret Mooring Systems operate in a wide range of environments worldwide.
- SOFEC designs are approved by all major Classification Societies.

Technical Features

Product Flow Path

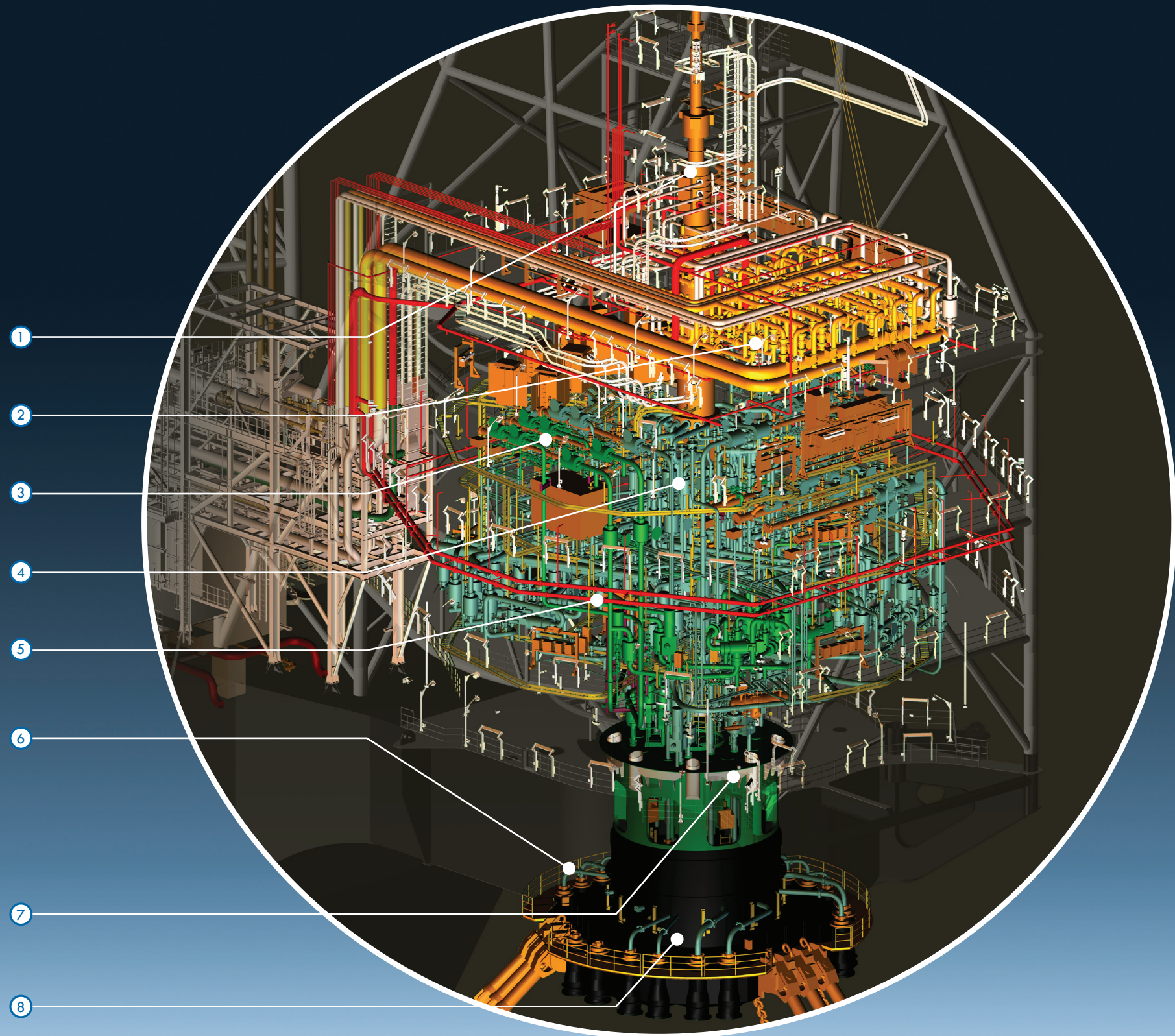
- Swivel Stack
- Swivel Stack Manifold to Topsides
- Pig Launcher
- Production Manifold
- Fire Water Ring
- Riser / Umbilical Slots

Ancillary Equipment

- Maintenance Hoist
- Winch
- ESD Valve
- Electrical Building

Structural Load Path

- Main Bearing
- Chain Table
- Chain Support Assembly
- Turret Head
- Turret Support Structure
- Swivel Access Structure





A Global Leader in the supply of Turret Mooring Systems

sofec

SOFEC, Inc.

15011 Katy Freeway
Suite 500
Houston, Texas 77094
+1 713 510 6600

sofec.sales@sofec.com

SOFEC Floating Systems Pte. Ltd.

The Metropolis Tower 1
9 North Buona Vista Drive, #21-01
Singapore 138588
+65 6496 4192

www.sofec.com

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