



## EXTERNAL TURRET MOORING SYSTEM

Trusted Design | Quality Workmanship | Proven Experience

THE BEDROCK OF THE SOFEC PRODUCT LINE





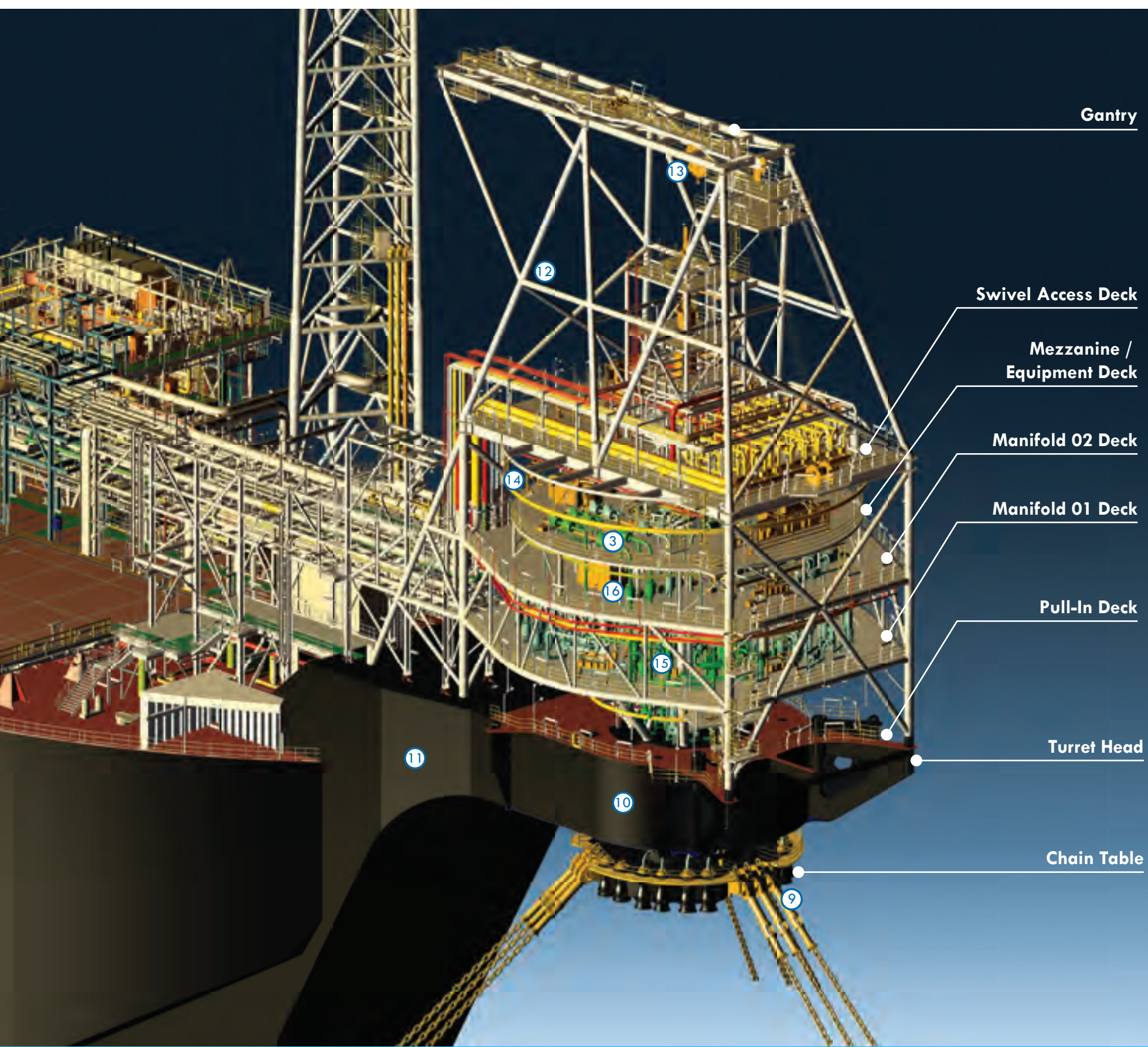
SOFEC, Inc. is a leader in the development and supply of Single-Point Mooring (SPM) systems, and is continually engaged in research involving new and improved tanker mooring systems and associated components.

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

Turret moorings permit the moored vessel 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.





Key Features

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

Technical Features

Product Flow Path

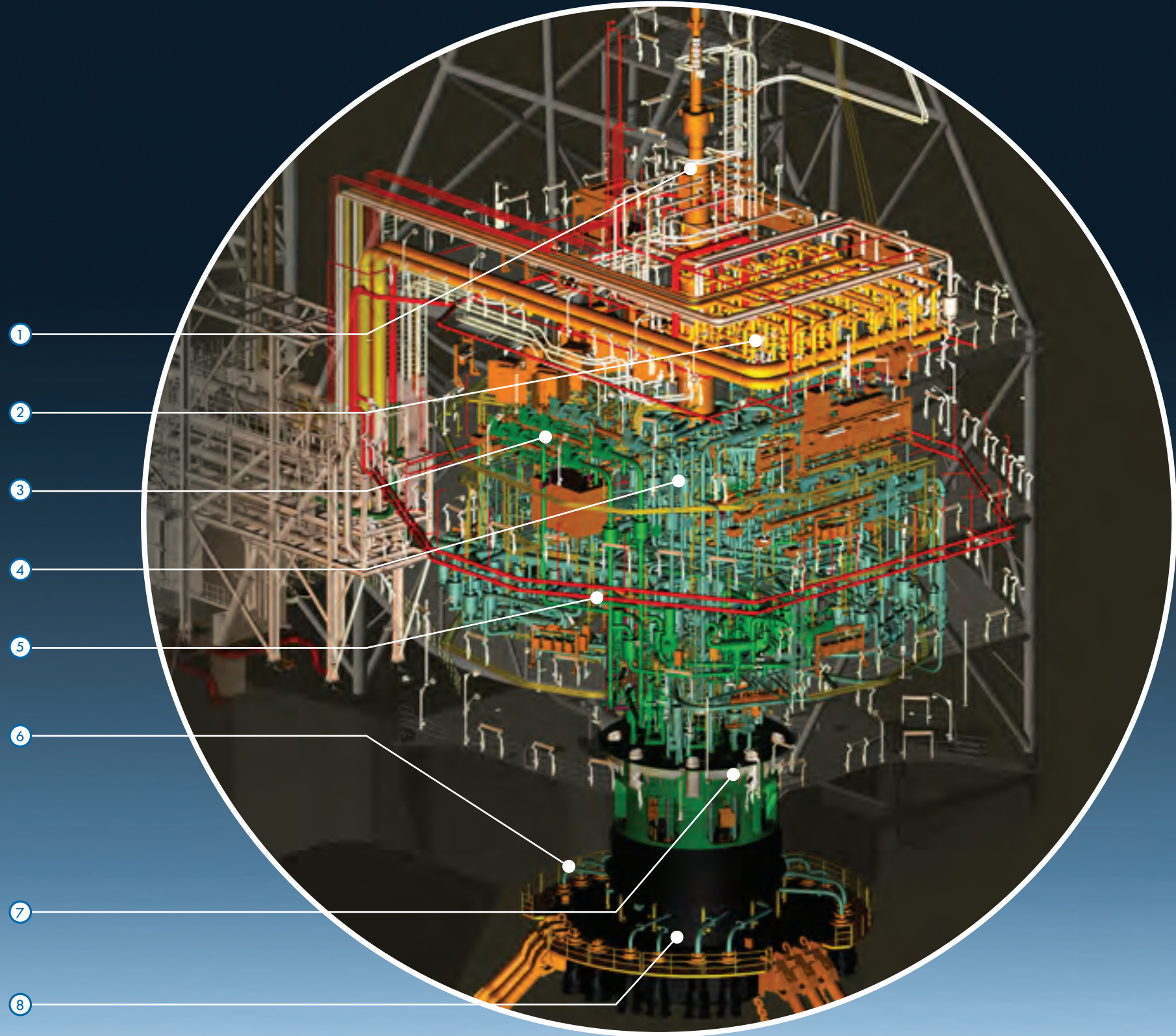
- Swivel Stack
- Swivel Stack Manifold to Topsides
- Pig Launcher
- Production Manifold
- Fire Water Ring
- Riser / Umbilical Slots

Ancillary Equipment

- Maintance 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

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