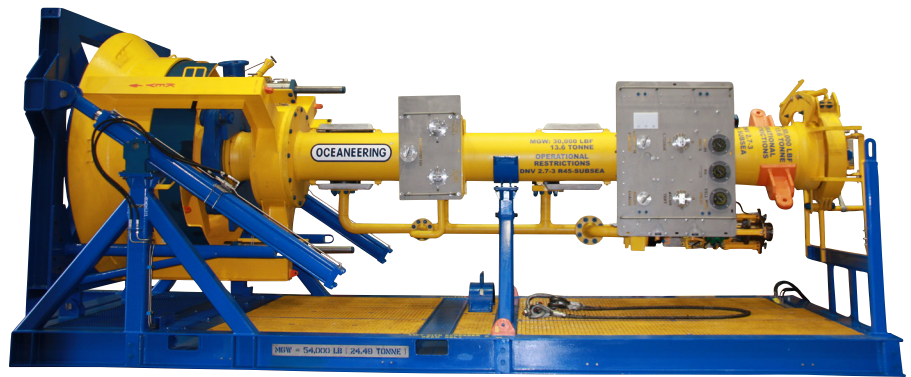


Subsea Pig Launchers

For commissioning and maintenance pigging of subsea pipelines

Oceaneering Subsea Pig Launchers enable single flowline tiebacks and are designed to allow “SMART” pigging over the life of the field. Evolving from a simple commissioning design, our



remotely operable systems allow pigging of single high-pressure flowlines controlled from the production facility and include remotely operated vehicle (ROV) capability.

Oceaneering provides the desired subsea pig launching solution, eliminating the need for dual flowlines to round-trip pig your pipeline system.

FEATURES

Remotely operated or ROV-operated designs

Multiple pig capacities and a variety of types

Available in all pipe diameters and up to 15,000 psi (1034 bar)

Subsea Pig Launchers

Pigging Capabilities

- » Remotely operated or ROV-operated systems
- » Use of existing field control system
- » Use of flow diverted from existing infrastructure as an option for “kick” of pigs into the flowstream
- » Operation by work class ROV, downline, or subsea accumulation use for “kick” of pigs
- » Fully retrievable designs with integral clamp-style connector
- » Subsea or surface reloadable
- » Full offshore handling and reloading system designs

Deployment

- » Multiple pig capacity
- » Types of pigs: foam, elastomer, brush, scraper, intelligent
- » Positive pig separation/retention during storage and launch operations
- » Pressure equalization and flushing circuitry included
- » Zero environmental impact during reloading and recovery

Options

- » Custom designs available in any size, pressure rating, and water depth
- » Full PLET/PLEM/manifold designs with integrated pig launcher also available
- » Horizontal connection option
- » Optional storage and maintenance services

Specifications

| | |
|--------------------------|-------------------------------|
| Diameter | 36 in / 91.4 cm |
| Pressure rating | 15,000 psi / 1034 bar |
| Maximum water depth | 10,000 ft / 3048 m |
| Design temperature range | 25°F to 300°F / -4°C to 150°C |



| | |
|----------------------|-----------------------|
| Design code | ANSI B31.8 |
| Barriers | API 6A/17D PSL-3 |
| Materials | NACE MR0175 compliant |
| Lifting and handling | DNV 2.7-3 |