

BREADTH AND DEPTH OF PORTFOLIO

With over 30 years of experience, Oceaneering Umbilical Solutions (OUS) has one of the longest track records within the industry. We have successfully delivered over 2.9 million meters of product that has met and continues to meet the demands of increasingly harsh environmental conditions. Our success has come from providing engineered solutions that are tailored to meet specific application requirements.

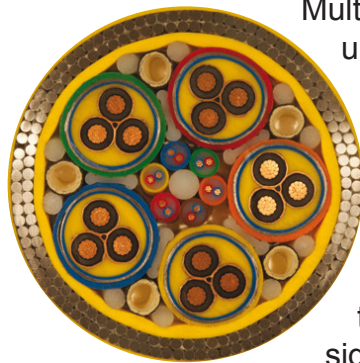
We are relentless in our drive to continuously improve our engineering know-how in order to deliver soundly engineered solutions. Our central R&D group provides an effective design process with proven engineering justifications to our project development teams who execute quality projects on time and within budget.



Portfolio Strength

Multiphase/ESP Pump Umbilicals

Powering submerged pumps to overcome ultra-deepwater pressure, low reservoir pressure, long offset or high produced fluid viscosity scenarios calls for Oceaneering



Multiphase/ ESP Pump umbilicals. Each design utilizes Oceaneering's three decades of umbilical experience to properly balance thermal and control signal dynamics.

Oceaneering leads the industry in pump umbilicals.

Steel Tube Umbilicals

Challenging deepwater and high pressure tieback applications conveying hydraulic control fluid, injected chemicals or service lines require Oceaneering steel tube



umbilicals. Oceaneering has extensive experience with super duplex as well as other steel materials. Steel tube umbilicals, like thermoplastic, can be designed to include electrical, as well as hydraulic components.



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Breadth and depth of portfolio

Portfolio Strength

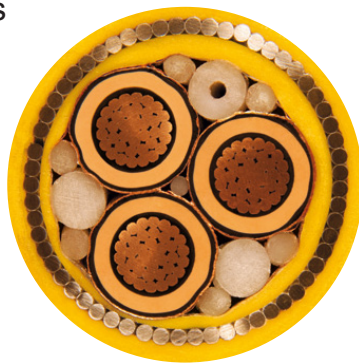
Thermoplastic Umbilicals

For 30 years, Oceaneering has led the industry in thermoplastic hose umbilicals, providing proven cost effectiveness for electro-hydraulic applications. Hose bores range from 3/16-inch to 2-inch ID and hose pressures range from 3,000 to 15,000 psi. High Collapse Resistant (HCR) thermoplastic material, which allows for the injection of lightweight chemicals in deepwater applications, is also available.



Electric Power & Fiber Optic Cables

Fulfil offshore platform-to-platform requirements for low and medium-voltage electric power cables and fiber optics by choosing from a variety of Oceaneering electrical power and fiber optic cable umbilical configurations.



Integrated Service Umbilicals

Solve a variety of more dynamic application challenges with Oceaneering's Integrated Service Umbilicals (ISU), customizable from a selection of flexible flowline, electrical cables, steel tubes, and thermoplastic hoses.



Oceaneering creating value through knowledge

- Analysis services predict the performance of any proposed solution using advanced tools and methods.
- Our state of the art Test, Qualification and Reliability services validate the performance of our components, products and systems.
- Our Advanced Product Design group uses this knowledge to produce proven design rules and methodologies and also performs advanced product developments to ensure applied technologies are understood, proven and reduce risk in project execution.
- Our execution engineering teams apply this knowledge via the design process to deliver value to customers.

