Oceaneering Technologies (OTECH), a business unit of Oceaneering International, Inc.,
performs a wide range of engineering and offshore services including definition of requirements
and concepts of operations through to product design, fabrication, integration, testing,
and operation. Oceaneering’s culture demands we understand our customers’ operational
requirements and establish a shared set of expectations in order to develop practical solutions.

We focus on innovating rather than inventing, when practical, by making use of existing
technologies and field-proven hardware to provide a faster-to-field approach that has earned
Oceaneering recognition as an industry leader in the development and delivery cycle.
Our expertise is derived from extensive hands-on experience demonstrated on complex programs including the U.S. Navy’s Submarine Rescue Diving and Recompression System and the Office of Naval Research’s (ONR) Seabasing Programs. Successfully delivered systems include remotely operated vehicles (ROVs); autonomous underwater vehicles (AUVs); saturation diving systems; surface and sub-surface vehicle launch and recovery systems; advanced offshore cranes, ramps, and mooring systems; and life support system design, maintenance, and operation.

Engineering and Logistics
A team of more than 300 professionals design and deliver engineering solutions and full life cycle support to military and commercial customers.

Systems Engineering and Logistics
- Concept development, requirements management, interface control, risk management, and system safety analysis
- Compliance with government, military, and commercial standards
- Integrated design coordination, validation, and verification
- Mathematical modeling, simulation, and control

Mechanical Engineering
- Design and analysis of critical and heavily-loaded mechanical structures, including ASME pressure vessels for human occupancy (PVHO)
- Materials selection and corrosion protection
- Thermal and fluid dynamics analysis
- Machine design and analysis

Naval Architecture
- Marine vehicle hydrodynamics, seakeeping, and maneuvering analysis and modeling
- Computational analysis and model scale testing
- Ship interface and impact analysis

Electrical Engineering
- Power and control systems design for tethered and battery-powered systems
- Pressure-tolerant electronics design
- Custom circuit card and electronic assembly design, fabrication, and testing

Software Engineering
- Processes appraised at CMMI Level 3
- Data and sensor processing
- Graphical User Interface (GUI) design
- Embedded control and autonomy development

Program and Project Management
Highly-experienced, trained personnel enable Oceaneering to successfully manage and deliver complex programs.
- Quality assurance ensured by ISO 9001:2015 processes
- Risk management approach proven by over 30 years of engineering and offshore success
- Successful prime contractor capable of managing multiple sub-contractors

Manufacturing
Oceaneering has comprehensive build-to-print manufacturing and assembly capabilities.
- Precision welding, fabrication, and close tolerance machining
- Certified weld inspectors and certified level II non-destructive testing technicians
- CUI / ITAR compliant (OTECH is compliant with the subject controls as required by DFARS 252.204-7012 and registered for manufacturing with DDTC.)

For more information visit us at oceaneering.com/OTECH