Leaders in foundation and structural grouting for the global offshore energy industry
SUBSEA AND OFFSHORE GROUTING FOR THE GLOBAL ENERGY CONSTRUCTION INDUSTRY

**Trusted**
We continue to be the preferred global grouting partner for offshore energy construction, and the provider of life extension solutions for offshore assets.

**Proven**
Since 1966, we have safely and successfully delivered more grouted connections than any other offshore grouting contractor, from the Gulf of Mexico to the Gulf of Thailand.

**Reliable**
Working with strategic partners, you can be sure that your project is in safe hands with our unmatched engineering resource, dedication to innovation, and attention to detail.

**Safe**
We fully understand the importance of project and contingency planning and are DNV accredited for Quality Management (ISO 9001) and Health and Safety (OHSAS 18001).

You can trust that we have implemented the necessary internal processes to meet the rigorous requirements demanded by the offshore industry.

www.foundocean.com
Our clients include the biggest names in the global energy industry

Aker Solutions • BG Group • Bibby Offshore • BP • Cal Dive • Canadian Natural Resources • Chevron • DeepOcean • GeoSea • Heerema Marine Contractors • Hyundai Heavy Industries • Larsen & Toubro • McDermott • Oceaneering • Punj Lloyd • RWE Innogy • Saipem • Seaway Heavy Lifting • Scaldis Salvage and Marine • Shell • Subsea 7 • Swiber • Talisman Energy • Technip • TL Offshore • Valentine Maritime • Wood Group
OIL AND GAS INDUSTRY

We have led pioneering innovations and set records in our pursuit of becoming the leading global energy-focused offshore grouting contractor. We grouted the world's first free-standing compliant tower, secured the North Rankin B jacket for the world's largest topside, and hold the record for the deepest deployed fabric formwork.

Working hand-in-hand with our strategic partners, you can be certain that our unmatched engineering expertise and attention to detail will ensure that your offshore project completes safely and on schedule.
Large-scale dual platforms
Project: Clair Ridge WHPs  
Operator: BP  
Client: Heerema  
Service: Foundation Grouting

World's largest steel offshore platform
Project: Bullwinkle  
Operator: Shell  
Client: Heerema  
Service: Foundation Grouting

Deep water pipeline separation (2,500ft)
Project: Perdido Norte Pipeline  
Operator: Williams  
Client: Saipem  
Service: Pipeline separation

Challenging seabed conditions
Project: Troll A Pipeline  
Operator: Statoil  
Client: Subsea 7  
Service: Freespan Correction

Time-critical pipeline repair
Project: BP CATS Pipeline  
Operator: BP  
Client: Technip  
Service: Pipeline Clamp

World’s largest topside
Project: North Rankin B WHP  
Operator: Woodside  
Client: Heerema  
Service: Pile Grouting

Major field expansion & development
Project: Mumbai High South WHPs  
Operator: ONGC  
Client: Heerema  
Service: Foundation Grouting

First Compliant Tower outside the Gulf of Mexico
Project: Benguela-Belize Compliant Tower  
Operator: Cabinda Gulf Oil Co. Ltd.  
Client: Heerema  
Service: Foundation Grouting

Land-locked platform
Project: West Chirag WHP  
Operator: BP  
Client: Saipem  
Service: Foundation Grouting

World’s deepest fabric formwork deployment (5,000ft)
Project: Liwan Pipeline  
Operator: ONGC  
Client: Saipem  
Service: Freespan Correction

World’s largest topside
Europe continues to lead the offshore wind market, and so do we: From the world’s first jacket-based wind farm, and Samsung’s 7MW turbine, to our high-output grout mixers which have helped set records for super fast installations for wind foundations.

Our 50 years of offshore experience and reputation for excellence makes us the natural, risk-free choice for your wind farm installation. Working with strategic partners and suppliers, we offer the latest range of cementitious materials for offshore wind farm installation grouting.
1966
FoundOcean (then Wimpey Laboratories) develops the process of offshore grouting

1973
FoundOcean designs its unique Recirculating Jet Mixer for high-output offshore grouting

1976
FoundOcean develops and installs a grouted repair clamp, helping extend the life of BP’s West Sole platform

1988
FoundOcean develops the ROV Grout Connector, negating the requirement for fixed pipework on foundations

2008
FoundOcean sets a record, deploying a series of freespan correction formworks at a water depth of 4,000ft
2010
FoundOcean grouts the foundations at Ormonde, the world's first commercial wind farm to use jackets.

2011
FoundOcean is appointed Primary Licensed Applicator for DNV-certified BASF Masterflow® 9500 Exagrout.

2012
FoundOcean revolutionizes ultra high strength grouting with the introduction of its new high-output Super Pan Mixer.

2013
FoundOcean formulates an 12,000psi standard cement grout for an oil & gas jacket installation in Asia.

2013
FoundOcean uses its custom engineered fabric formworks and pile grouting experience to help salvage the Costa Concordia.
We have delivered more than 4,500 grouted connections for many of the world’s well-known oil and gas platforms and offshore renewables foundations, in regions including:
  • Europe
  • Middle East
  • South East Asia and India
  • Australia
  • North, Central, and Southern America

We gained our industry-leading expertise through our unmatched engineering resource, dedication to innovation, and attention to detail.

Our range of foundation grouting services includes:
  • Pile grouting
  • Monopile transition piece grouting
  • Pressure grouting
  • Rock socket grouting
  • Suction bucket grouting
  • Underbase grouting

Through our joint venture fabrication facility in India, we design and manufacture an extensive catalogue of custom and standard shape, size and volume fabric formwork grout bags.

These are installed by ROV or divers, and have been deployed for both pipelines and cables, offering a range of solutions including:
  • Stabilization
  • Support
  • Separation
  • Protection
  • Scour prevention and rectification
Structural strengthening, modification and repair (SMR) to existing jacket structures can be required for various reasons including remedial action resulting from routine inspection, mechanical damage, design/fabrication defect, provision of additional conductors, or life extension.

We have worked with the offshore construction sector to design, develop, and deliver the technology to provide cost-effective strengthening, repair and modification solutions to ageing or damaged assets.

Our range of life extension solutions includes:
- Foundation strengthening
- Foundation stabilization
- Repair clamps
- Freespan correction
- Scour rectification
- Marine growth prevention

In addition to this, we offer a turnkey solution that addresses the growing needs of the global SMR market. This includes structural analysis and the design, fabrication, and installation of the solution.

Our engineering team has in-depth knowledge of structural behaviour and is fully cognisant of the merits of a diverse range of strengthening and repair techniques.

We have a demonstrable record of designs for grouted, mechanical, and neoprene-lined repair clamps; repair sleeves; and member and joint grout filling as well as other repair technologies.
SPECIAL PROJECTS

We have consulted on and undertaken a number of custom projects globally which have called upon our engineering expertise. We have applied our grouted solutions to a range of projects including repairing a palace sea-wall in the Middle East, building the formwork bank to stabilize the Costa Concordia, and protecting the Haenam to Chesu power cable with a continuous formwork.

Although not always energy-industry related, we approach these special projects in the same way: meticulous planning, continuous communication, and vigorous attention to detail.
HEALTH AND SAFETY

We are committed to maintaining a conscious culture towards health, safety and the environment. We apply this to all our activities both onshore and offshore to prevent harm to people and the environment they work in.

We work to continually identify and eliminate any foreseeable hazards and minimize the probability of incidents resulting in personal injuries, illnesses, damage to property, and the environment.

Our incident and injury free strategy is built around a multi-layered learning and development programme, embedded employee wellbeing culture, and focusing on building a sustainable business for the future.

QUALITY ASSURANCE

We have been DNV-accredited to ISO 9001 Quality Assurance standards since 2006.

We undertake extensive grout testing procedures to guarantee the quality of the material that we mix and pump, during both offshore projects and onshore trials.

By standardizing our processes, we manage our work more efficiently and reduce project risks.

Regular audits help us to continually adjust and improve our approach.
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