

CONDUCTOR AND PILE INSTALLATION SERVICES

FAST, RELIABLE AND SAFE METHODS PROVIDING SUPERIOR LOAD-BEARING
CAPACITY AND IMPROVED PILE INTEGRITY



Acteon provides safe and efficient handling and piling services for installing conductors and piles onshore, nearshore, offshore and subsea. We reduce installation cost and complexity through collaboration, optimised lifting and handling, and methodologies that minimise project time.

COLLABORATION
EFFICIENT METHODOLOGIES
EXTENDED ASSET LIFE **INTEGRATION**
FAST-TRACK INSTALLATION
ASSET UTILISATION **MINIMISED INTERFACES**

ACTEON
Cutting and Decommissioning

claxton

PROBE
OIL TOOLS

WHY WORK WITH US?

Acteon solves customers' challenges through early engagement, and leveraging its vast experience and analysis services. We are committed to reducing project footprints and optimising operations to reduce costs for customers.

Market-leading installation solutions

At Acteon, we provide market-leading hydraulic pile driving technology and deliver an end-to-end solution from analysis and implementation of an engineered solution to fabrication services and offshore support.

Through the planning and support of our experienced teams, we have installed more than 2,000 piles globally using our fleet of S-90 and S-150 hammers.

Our experience of various seabed and geotechnical site conditions has enabled us to create a reliable installation solution based on extensive pre-project maintenance and planning that ensures the equipment provided is fit for purpose, first time.

Supply chain costs and interfaces are minimised through integrated packages including cold cutting, centralizers, and drive shoes and chasers.

Extending asset life to reduce environmental impact

Slot recovery is a safe, fast and cost-effective solution that increases production capability by reusing an existing well slot to extend the production life of a field. Repurposing existing well slots and infrastructure greatly reduces disturbance to the marine environment compared with installing new structures.

Acteon performs structural analysis to assess well and platform capability. When combined with our expert in-house engineering, this enables us to deliver the most appropriate solution.

To optimise operations and therefore reduce environmental impact, we advise on the most efficient methodologies, for example, directional design analysis for well sidetrack options. All solutions minimise risk to avoid well collision and facilitate successful drilling and completion.

Integration and collaboration to increase commercial efficiency

Collaboration with partners, customers and suppliers enables us to provide the most efficient and commercially attractive conductor and pile installation solution. Our global operational bases ensure that we have proximity to the customer, which minimises mobilisation costs and lead times. An integrated solution involving the expertise of multiple Acteon brands and third parties can be project managed to provide a turnkey solution including handling tools, grouting and engineering services, simplifying the supply chain and improving project schedules. By offering a project-managed service, we are able to retain knowledge throughout the project life cycle.

Single deployment methods are used for installing multiple piles to optimise operations. Techniques such as this, combined with modular equipment, are used to install efficiently on the deck for faster and more efficient mobilisations.

Technical and analysis engineering for complex projects

Acteon offers complete technical and analysis engineering packages for all piling applications. Through early engagement, we plan and develop the most operationally effective solutions.

Our engineers confirm project feasibility and recommend the most efficient methodology for operational delivery while de-risking project execution and reducing the likelihood of retrospective engineering and its additional costs.

To optimise projects, we can unlock an unprecedented library of historical data, including real-time records of past pile installations, which enables us to advise on the correct product for a specific requirement.

In-house design and manufacturing capabilities enable us to fast-track the delivery of vital components such as drive shoes, whipstocks and chasers/followers, and extend to supplying bespoke pile installation equipment.

OUR PRODUCTS AND SERVICES FOR CONDUCTOR AND PILE INSTALLATION

CONDUCTOR/PILE DRIVE STUDY ANALYSIS

A range of conductor engineering analysis that is critical to ensure safe and high-integrity conductor performance for extended design life. This service includes conductor driveability and fatigue studies, and slot-recovery analysis.

DRIVE SHOE DESIGN AND MANUFACTURE

Designed and manufactured in-house, drive shoes are critical components in any driving application and offer protection and improved drivability.

DRIVE CHASER/PILE FOLLOWER MANUFACTURE AND SUPPLY

Drive sub/chasers are obligatory components when driving conductor strings joined by connections rather than welding, or where the pile top must be driven flush with a structure or guide.

CONDUCTOR WHIPSTOCKS

Conductor whipstocks are essential to the process of platform or subsea well slot recovery, in which a new well is drilled and completed directly over the footprint of a previous one that has suffered a fall in productivity.

DIRECTIONAL DRIVING SERVICES

Directional driving is used to mitigate conductor collision risk on multi-slot platforms.

PLATFORM SLOT RECOVERY

Recovery of non-producing wells' conductors to reclaim the production slot for installation of a new sidetrack well.

SUBSEA PILING

Purpose-built hammer spread for driving pin, initiation and mooring piles subsea.

CONDUCTOR HANDLING TOOLS AND EQUIPMENT

The crucial equipment used to move conductors from the rig's v-door, through the derrick, the drill-floor rotary table and the platform guides, and into the seabed.

HYDRAULIC IMPACT HAMMERS

Using a fleet of S-90 and S-150 hydrohammers, conductor installation by driving provides a clean, fast, reliable and safe method of installation with superior load-bearing capacity and improved pile integrity.

COLD CUTTING

The conductor is cold cut when it has been driven into the seabed. In addition, internal and external bevels are cut to suit client specifications. This leaves the customer with a fully installed conductor that is ready for wellhead installation.

2,000+

PILES DRIVEN
GLOBALLY

40+

SUBSEA PROJECTS
COMPLETED GLOBALLY

35

YEARS OF
EXPERIENCE

1,600+

ONSHORE AND OFFSHORE
PROJECTS COMPLETED

ACTEON | DATA AND ROBOTICS

ELECTRONICS AND TOOLING



GEO-SERVICES



STRUCTURAL MONITORING



ACTEON | ENGINEERING, MOORINGS AND FOUNDATIONS

ADVANCED SYSTEMS ENGINEERING



MARINE FOUNDATIONS



MOORINGS AND ANCHORS



ACTEON | ENERGY SERVICES

CORROSION MANAGEMENT



CUTTING AND DECOMMISSIONING



ENERGY RESOURCING



FLEX-LAY AND RETRIEVAL



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MARINE ENERGY AND INFRASTRUCTURE SERVICES

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