

Case study: Comprehensive cutting solution for UKCS decom



Benefits and value

Ashtead Technology's specialist Mechanical Solutions team worked at all stages with the operator and other project stakeholders, enabling a collaborative approach to the project which reduced operational expenditure and ensured safe, timely completion.

The UCS Track Saw was supported on site by an electrical hydraulic power unit, control cabin with surface control panel, and an umbilical equipped with hydraulic hoses – all combining to support effective operations.

Overview

Ashtead Technology's Mechanical Solutions specialists were enlisted to remove two conductor clamps from a well-established asset within the North Sea.

Solution

Ashtead Technology's Mechanical Solutions offering specialises in providing a range of in-house designed and engineered cutting, coating removal and dredging solutions. From diamond wire saws to hydraulic shears, abrasive cutting systems and much more, the team is known for delivering safe, accurate and rapid cutting solutions, backed by leading technical expertise and support.

This offering made Ashtead Technology the ideal choice for an operator requiring to remove numerous corroded conductor clamps from an asset in the North Sea.

This project necessitated the use of a bespoke package, assembled by Mechanical Solutions specialists in our Inverurie, Aberdeenshire facility, and operated topside by specialist Ashtead Technology technicians.

The in-house designed UCS Track Saw was selected, with the linear track saw functionality ensuring efficient removal of the conductor clamps. Fitted with a depth stop for greater accuracy and safety, the linear track saw effectively carried out two opposing linear cuts through the clamp, with set-up, operation and tear down handled by Ashtead Technology technicians throughout.

This cutting method allowed for the 36in diameter grouted connector sleeves to be removed from the 30in diameter conductors, while safely retaining their structural integrity.



The client benefited from considerable pre-project planning to overcome any potential challenges which could have delayed proceedings, or worse, jeopardised the operational safety of the project.

“Ashtead Technology worked hand in glove with third parties on site, providing an innovative solution within tight deadlines met throughout.

“We drew upon our pool of trained technicians to mobilise talented and experienced personnel, ensuring that the project ran smoothly.”

Ashtead Technology is proud of its involvement in this project and hope to continue to support this operator with its tailored cutting solutions on their other assets in future



Fraser Collis, General Manager