



Project Deliverables

- Project Management & Engineering (PM&E)
- Survey
- ROV Services
- Subsea cutting operations
- Subsea excavation
- Recovery of subsea infrastructure
- Onshore disposal

Maersk Supply Service (MSS) was awarded a contract by Perenco UK Limited to recover subsea infrastructure from the Tyne and Thames fields in the Southern UK North Sea.

The project was to complete the offshore removal and onshore disposal of subsea infrastructure from the Tyne field and the Bure Oscar and Yare Charlie area of the Thames field. MSS delivered a full-scope project including project management, detailed engineering, offshore execution and onshore disposal. The offshore work scope at Tyne was to perform recovery of the Tyne platform subsea template, and recovery of the Tyne appraisal well casing. This included cutting the casing and subsequent recovery of Tyne conductor at 44/18-2Z as well as PLET skid recovery from Bure Oscar, at Thames, Block 49/28.

Flexibility in Operations

Managing offshore conditions



Maersk Supply Service worked safely to remove the Tyne template, which also required excavation to allow recovery. The scope of work required the removal of all well infrastructure to minimum 10' below the mudline. As the wellhead was unable to be cut internally, the team found a way to cut the Tyne wellhead externally with a Diamond Wire cutter. A significant amount of seabed had to be excavated to allow the external cut to take place and then to reinstate to mean seabed level.

Agile Execution

Onshore and offshore collaboration



The Bure PLET recovery consisted of pre-survey, dredging around the structure, cutting operations on the 8-inch line, and recovery of the PLET and flowline. After removal, post survey work was finalised with onshore disposal of the subsea wellhead, Template and PLET.

Integrated Project Delivery

One Team approach



With more than 50 years of hands-on offshore experience, Maersk Supply Service ensures safe and efficient project delivery. The project team, worked together with Perenco to deliver this solutions project from project management, engineering to offshore planning and management of onshore waste disposal of recovered infrastructure.



PROJECT DETAILS

Client:

Perenco UK Limited

Project Location:

UK Southern North Sea

Project Scope:

Subsea Infrastructure Recovery & Disposal

Project Timeline:

September - October 2020

Number of Vessels:

1 Maersk vessels – Maersk Inventor

Water Depth:

17.5m at Tyne and 36m at Thames

Safety performance:

Zero lost time incidents





End-to-end offshore execution of:

Tyne Template Recovery

- As found survey of template
- Excavation of template using Rotech TRS2 Controlled Flow Excavator
- ROV Installation of recovery rigging
- Template Recovery and seafastening
- NORM contamination checks
- As left seabed survey
- Onshore cleaning and disposal

Tyne Appraisal Well Casing Recovery

- As found survey as left survey (no debris to be left)
- Excavation of the well using Rotech TRS2 Controlled Flow Excavator
- Cut externally below mean seabed by DWS (Diamond Wire saw) and retrieve 30" casing
- Backfill well excavation with TRS2 CFE
- Onshore Disposal

Bure Oscar PLET Recovery

- Pre-Survey
- Cutting the 8" concrete weight coated flowline
- Additional recovery of PLET to Well 6" jumper sections and PLET hold back wires
- Recovery of the PLET and jumper / hold back wire sections
- NORM contamination checks
- Post PLET recovery MBES Survey
- Onshore Disposal

Demobilisation and disposal

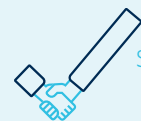
- Maersk Inventor sailed to Aberdeen to offload the recovered infrastructure for disposal

Maersk Supply Service – Provider of vessels and full service solutions to the energy sector

Maersk Supply Service is a leading provider of marine services and integrated solutions to the energy sector worldwide with a large fleet of anchor handling tug supply vessels and subsea support vessels. The company provides solutions to the oil and gas industry in areas such as towing and mooring installation, subsea construction, and light well intervention services, and supports other industries such as offshore wind, deep sea mineral recovery and ocean cleaning.

Maersk Supply Service employs an international staff of approximately 1100 offshore and 250 onshore people. Headquartered in Lyngby, Denmark, Maersk Supply Service is represented globally with offices in Aberdeen, Accra, Luanda, Manila, Mexico City, Perth, Rio de Janeiro, St. John's, and Singapore. Maersk Supply Service is a part of A.P. Møller – Mærsk A/S which employs roughly 70,000 employees across operations in 130 countries.

For more information visit www.maersksupplyservice.com



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