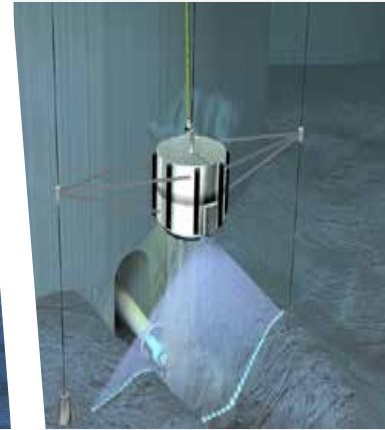
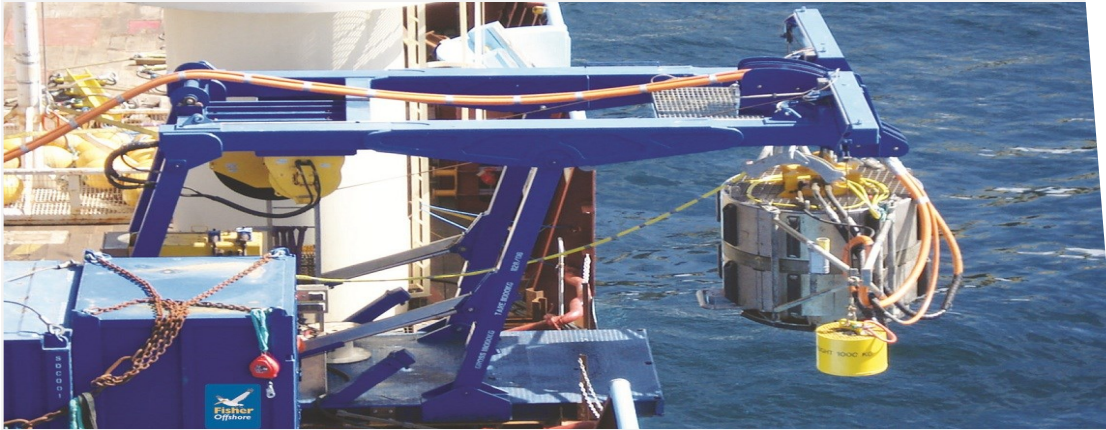


Hydro-Digger: Mass Flow Excavation

Case Study



Fisher Offshore's advanced underwater excavation system demonstrates its highly flexible capabilities across a range of projects.

The HydroDigger is an advanced form of contactless subsea excavation equipment that can be deployed over a vessel side and operated remotely and safely from the deck using its integrated launch and recovery system.

It operates by delivering a precisely controlled column of water onto the seabed, fragmenting the surface and displacing soil, sediments, rocks and other surface materials.

'It provides a complete package that's appropriate for a wide range of functions, from excavations for new pipeline systems for example, through to the decommissioning and burial of life-expired installations in accordance with regulatory requirements'

Steve Gray, Project Manager, Fisher Offshore

Who

Integrated Subsea Services

Summary

The work scope was to recover a 40m length of damaged flexible flowline which was buried under 1m of drill mud in the Osprey Field, North Sea. The HydroDigger was to be used to dredge the drill mud off of the flowline to expose it for disconnection.

Services Provided

- Subsea excavation
- Control system
- Real-time sonar monitoring

Benefits Delivered

- Simple and rapid deployment
- Highly flexible capabilities across a range of projects
- On budget and time

