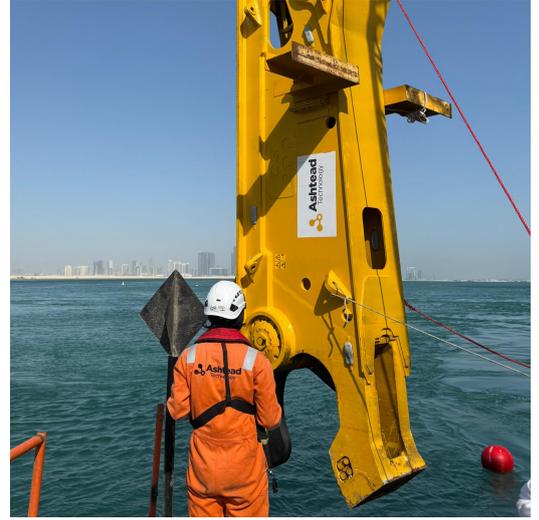
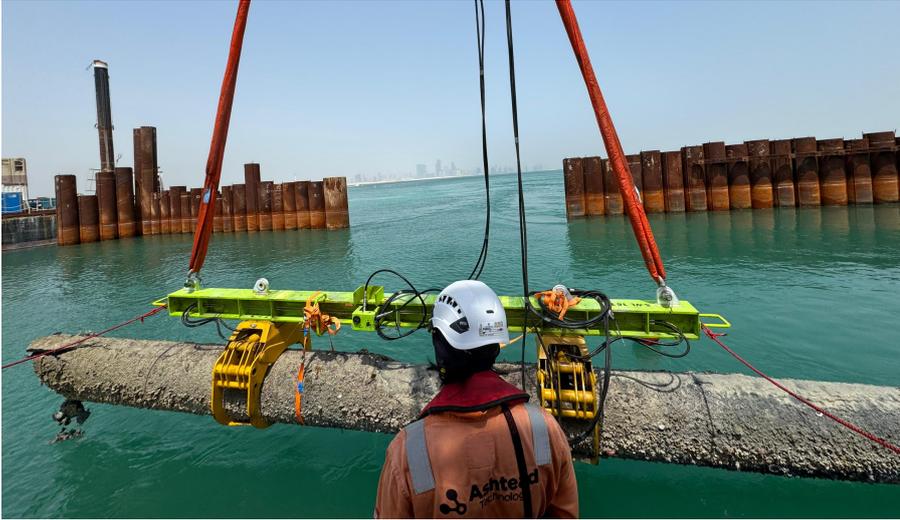


## Case study: Decommissioning 4,000m of Subsea Pipeline in Middle East



### Challenge

Off the coast of Abu Dhabi, a 24" diameter subsea pipeline with a 3" concrete weight coated lining required decommissioning due to its deteriorating condition. The project faced multiple challenges, including environmental sensitivity with protected marine species and coral beds, technical complexity from its proximity to active infrastructure corridors and operational demands due to ongoing improvements nearby.

With safety risks, including residual hydrocarbons and simultaneous diver operations, as well as logistical constraints like limited weather windows and UAE summer restrictions, the project required careful selection of the right cutting solution and meticulous planning.

Ashtead Technology was engaged to safely and efficiently cut and recover over 4,000m of pipeline.

### Solution

Divers conducted a detailed pre-demolition survey to accurately map the pipeline and surrounding seabed. A phased demolition strategy was then implemented, carefully sequencing cutting and lifting operations to maximise both safety and operational efficiency. Ashtead Technology deployed their CS200 Hydraulic Shears for cutting and their Pipe Recovery Tool

for secure retrieval, minimising environmental impact.

Throughout the operation, integrated project management ensured seamless coordination between marine contractors and Ashtead Technology's technical team, keeping the project on track from start to finish.

### Results and impact

The project safely removed 4,000 meters of subsea pipeline with zero harm to personnel or marine life, leaving the seabed fully reinstated and ready for future development.

Through meticulous planning, cutting-edge technology and seamless coordination, the operation showcased that complex, environmentally sensitive subsea projects can be executed safely, efficiently and responsibly.

Positive stakeholder feedback confirmed the success of the approach and paved the way for future decommissioning projects using the same methodology.