



James Fisher Offshore

Fully integrated subsea solutions across
the life of field





Your trusted partner across the oil and gas life of field

James Fisher Offshore (JFO) safely delivers proven capabilities by combining innovation and experience, saving you time and money.

With a deep understanding of marine, offshore and subsea operations in the oil and gas market, we provide total engineering solutions and support across the full life cycle of offshore projects.

James Fisher and Sons plc

JFO is part of James Fisher and Sons plc (JFS), a leading provider of specialist services to the energy and other high integrity industries worldwide. Listed on the UK FTSE 250 stock exchange, JFS employs over 3,000 people globally.

Its international footprint reflects the diverse range of customers and markets served. And with its network of group companies, it operates extensively throughout Northern Europe, Asia, Africa, the Middle East and North and South America, to deliver flexible, highly responsive and localised support to its customers.

Strong global presence

JFO is strategically positioned to deliver localised support in the UK, Malaysia, USA, Mexico, Nigeria and the Middle East.



QHSE

JFO works with its customers to fully understand project applications, delivering increased operational safety and efficiency.

Placing the highest priority on safety, JFO has developed a set of QHSE principles for adherence by all employees and contractors.





Drilling support services

JFO is a platinum-level distributor for Ingersoll Rand for material handling and power tool products in both the UK and Malaysia. With dedicated pneumatic workshops and fully trained OEM certified technicians in both locations, we have been 'Master Service Centre' accredited by Ingersoll Rand, ensuring quality delivery to our customers.

- New utility and man riding winches
- New hoists and BOP handling systems
- OEM spare parts
- Service, overhaul and repair
- Testing and re-certification

Subsea construction services

JFO is a market leader in the provision of equipment and services to support subsea, topside and shore pull infrastructure installation campaigns. We have a proven track record in the delivery of subsea tiebacks, caisson lifts, umbilical and riser pull-ins.

- SURF and EPIC operations
- Shore approach pull-ins
- Full range of hydraulic winch lifting equipment
- Comprehensive range of back-deck and subsea equipment packages

Inspection, repair and maintenance (IRM) services

JFO is an expert in full back deck service provision, supported by dedicated project delivery teams who understand the accelerated demands of the IRM market, with extensive experience in delivering multi-vessel and multi-campaign scopes of work. We have a proven track record in the reliable and timeous execution of survey, cutting, recovery and removal campaigns.

- Dredging and cutting
- HP jetting
- Coat removal and grit blast systems
- Pipeline inspection and repairs

Subsea excavation services

JFO is the world's most trusted, experienced and innovative controlled flow excavation (CFE) supplier. Our fleet of CFE equipment provides a non-contact form of excavation that eliminates the risks associated with other excavation methods, especially around complex subsea assets.

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| • Pipeline and cable trenching and backfilling | • Decommissioning and abandonment work |
| • Seabed preparation and clearance | • Spud can clearance |
| • De-burial | • Drill cuttings dispersal |
| • Pre-sweeping preparation | • Harbour and channel clearance |
| • Freespan rectification | |
| • Rock dump dispersal and removal | |

Decommissioning services

JFO is a fully embedded partner in the methodology and execution of our customers decommissioning campaigns. We offer complete service capability in the dredging, cutting and removal of subsea and platform infrastructure. JFO own and operate the largest range of cutting equipment globally.

- Pipeline and bundle cutting
- Conductor/wellhead cut and lift - Internal cut and lift technology
- Structural removal
- Jacket and pile removal
- Abrasive water jet internal cutting
- Full range of demolition shears, diamond wire saws and recovery grabs

People

The JFO family is the heartbeat of our business. As a team we strive for safety, excellence and operational delivery beyond our customers' expectations at all times. JFO supports its customers with:

- In-house engineering and expertise
- Highly-skilled and certified offshore supervisors, technicians and operators
- Multi-trained and experienced technicians providing valued integration to our customers existing crews



Proven track record



Pipeline demolition, Saudi Arabia

- Pipeline shears for demolition
- Twin recovery grab
- Over 4000km of 6" to 14" pipeline cut and recovered

IRM full back deck package, UKCS

- Equipment spreads for 3 vessels over 225 operational days
- Diver tooling
- 1T telescopic crane
- Grit cleaning system
- HP waterjet cleaning system
- Diamond wire saw
- 800T hydraulic shear
- Mass flow excavation spread
- Deck winches



Jacket removal, Saudi Arabia

- Ultra high pressure abrasive water jet internal cutting
- 360° cut monitoring system
- Piles cut 1.5m below seabed
- 70mm wall thickness piles cut in 16 minutes



Kaombo, Angola

- 4T at 16.89 radius deck marine crane
- Riser and umbilical installation
- Gas export flowlines
- Installation of subsea equipment

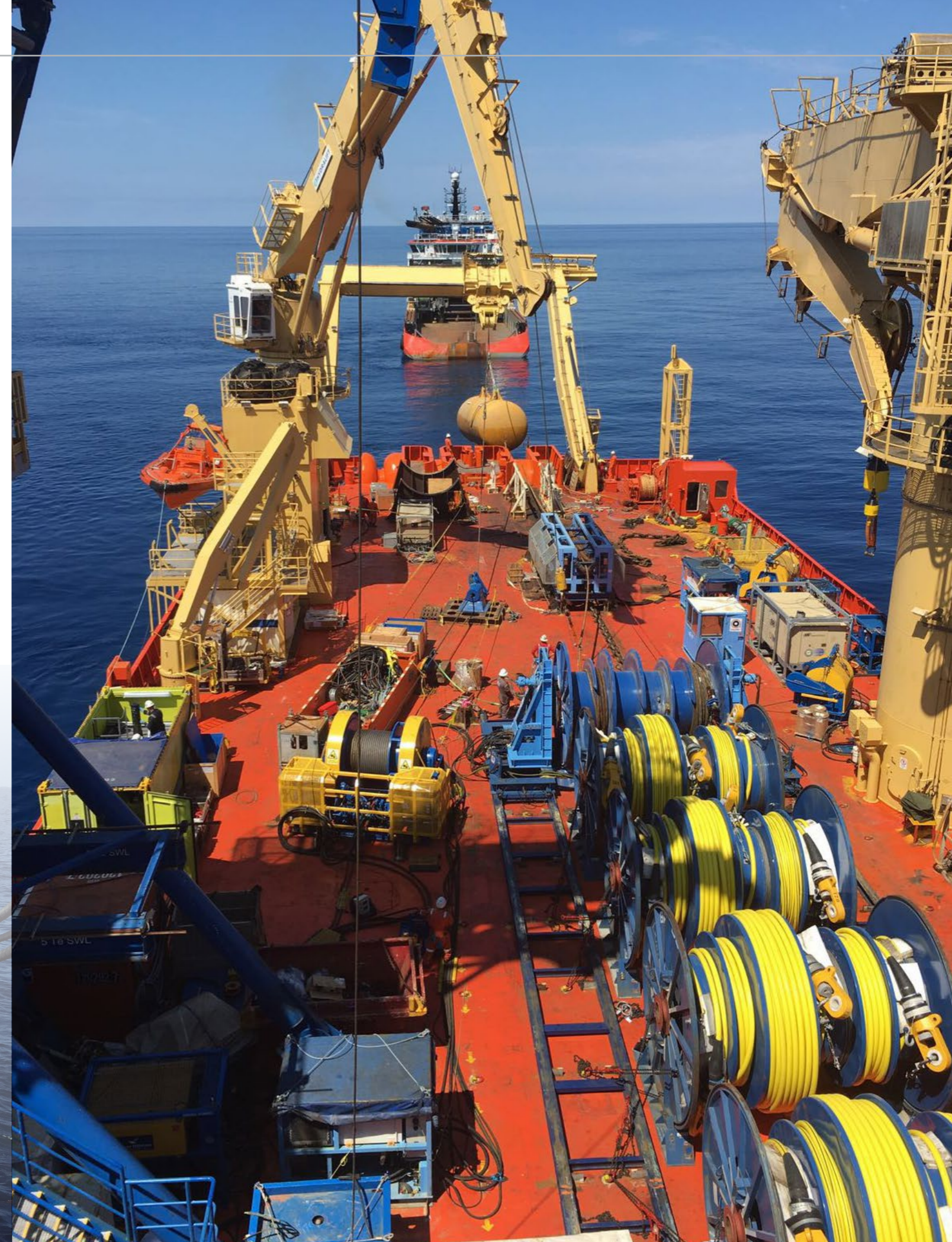
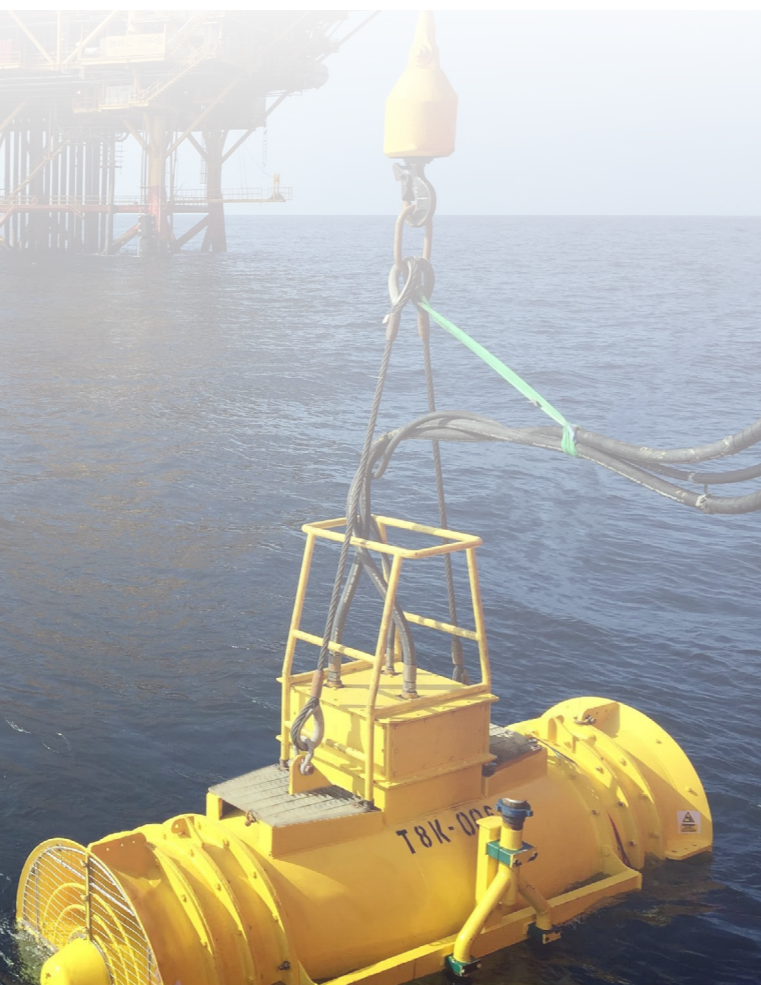
Heavy lift winches, GOM

- Riser and umbilical pull-ins
- Specialised winch package with an 84T top layer line
- Steering winches



Cable repair, Gibraltar

- Cable de-burial works on 33 locations along a 4km section of cable
- Deepwater CFE utilising T4000 and MultiROV tool at 480m





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