

# GLOBAL SUPPORT NETWORK FOR RAPID REGIONAL RESPONSE



## JDR GLOBAL OIL & GAS OFFSHORE SERVICES

JDR's global onshore and offshore installation and maintenance services supports customers in the oil and gas energy sector throughout project planning, mobilisation, installation, commissioning and maintenance; providing total life-cycle support.

JDR's Services Division has a network of experienced technicians that focus on critical areas such as hydraulic, low/medium voltage and fibre optic cable installation, termination, testing, maintenance and repairs. Our Field Service Technicians and Engineers are supported by a team of office based technical support staff and logistics that ensures our people and equipment can be mobilised at short notice providing 24/7/365 coverage.

Whether it is a large turnkey project or just help and assistance, JDR are able to offer a solution to meet your requirements.

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## LOADOUT SERVICES

Our experienced team can perform testing around the globe alongside prior to loading, onboard vessel post-loading or at any time when the umbilical/cable has been handled.

Testing is undertaken in accordance with applicable industry standards (ISO/IEC/API) by field service technicians, complete with fully calibrated test equipment and final report comprising of:

- Hydraulic and chemical line pressure testing
- Insulation resistance, conductor resistance and TDR testing of electrical components
- OTDR testing of fibre optic components

## POST STORAGE HEALTH CHECK

Umbilicals and cables stored for prolonged periods prior to deployment require inspection and test, comprising a minimum:

- Visual inspection (spool off as necessary/ applicable)
- Fluid replacement and cleanliness check
- Hydraulic and chemical line pressure testing
- Insulation resistance, conductor resistance and TDR testing of electrical components
- OTDR testing of fibre optic components

All umbilical/cable inspections are completed with the issue of a full report, inclusive of test results and any recommended remedial action(s) (if applicable).

## PRE-COMMISSIONING & INSTALLATION SUPPORT:

### Onboard

- Pre-deployment testing
- Sheath repairs
- Application of abandonment kits
- Monitoring umbilical/cable handling
- Monitoring of umbilical pressures and cable continuity resistance during installation

### Topside

- Supervision of pull-in by rigging team
- Fitting of temporary/permanent hang off
- Umbilical/cable preparation, routing and securing
- Umbilical/cable integration
- System leak testing and flushing
- End-to-end signal verification of fibre optic and electrical systems
- Assistance during commissioning

## TRANSPORT MONITORING

To ensure the umbilical/cable is stored effectively throughout its journey a remote sensor and logging system can be installed post FAT.

For more information regarding  
JDR Services, please email:



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JDR is a leading provider of technology connecting the global energy industry. Our products and services enable vital control and power delivery for offshore oil & gas and renewable energy systems. The world's energy companies depend on high performing control umbilical and/or power cable systems to operate in the world's harshest environments. JDR invests in state of the art manufacturing facilities, technology and people to deliver these world class energy connection/control products and services. We have a proven track record of delivering client expectations and are totally committed to full lifecycle customer services. We achieve this through our specialist engineering teams, experienced project managers, integrated safety systems and global service network which ensures 24/7 aftermarket support.

