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## Engineering support for offshore wind construction vessels

Our multi-disciplined engineering team have a wealth of experience working to industry recognised design codes and practices, ensuring integrity and compliance

Since 1975, Sparrows has provided offshore technical support to clients where safety and operational asset integrity are of paramount importance.

Our business delivers a range of mechanical, electrical, structural, and hydraulic services ranging from design through to field technical support.

Operating globally, through our own marine workshops and engineering hubs, we provide our clients with a local service to maintain critical offshore equipment.

### TECHNICAL EXPERTISE

Sparrows is an internationally recognised specialist who maintains and operates clients crane and mechanical handling assets as well as other complex marine systems.

We have over 1,000 field and office-based engineering personnel who deliver services under long-term contracts or ad hoc arrangements.

We deliver our services on both fixed and floating offshore assets supported by extensive workshops facilities for overhaul and repair equipment.

Continued overleaf...

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**DELIVERY ASSURED**

## EQUIPMENT SERVICES

### Cranes

- 5 yearly overhauls
- Special Periodic Survey (SPS) support
- Boom repair
- Cab upgrades
- Electrical systems.

### Inspection

- ABS / UKAS accredited inspection body
- Rope access services
- NDT
- Hull inspection
- Wire rope inspection.

### Mechanical systems

- Jack up equipment repair
- Winch systems upgrades
- Hook block overhaul
- Walk to work support.

## Lifting services

- Lifting planning support
- Procedure writing
- LOLER surveys
- Lifting gear inspection
- Lifting equipment supply.

## Hydraulics

- Inspection
- HPU overhaul
- Equipment design
- Workshop repair
- Fire pump systems.

## Structural

- Fabric maintenance support
- Weld inspection
- Mechanical upgrades.

## WIND TURBINE SERVICES

In 2017, Sparrows acquired wind turbine specialist Alpha Offshore A/S. With over 400 wind technicians, we provide technical support to clients in the performance of projects such as:

- Gearbox exchange
- Blade removal
- Generator and transformer replacement
- Installation support.

## TRAINING SUPPORT

Our training school has supported the career development of over 30,000 delegates over the past 5 years.

Operating intentionally, we can provide:

- Crane training stage 1-3
- Local crane refresher training using our modern portable simulators
- Banksman / slinger technical training for deck crew
- Hydraulic (NFPC / BFPA) and rigger training courses
- LOLER competent person (LCP) assessment
- Integra 2 – our onsite lifting operations assessment programme.



For more information please visit [www.sparrowsgroup.com](http://www.sparrowsgroup.com)  
Or visit [www.alphawindservices.com](http://www.alphawindservices.com)

