

# Clair Ridge lifting support during hook-up and commissioning

**CLIENT**  
**ASSET**  
**LOCATION**

BP  
Clair Ridge platform  
Korea and UK

Specialist engineering support early on in a project saves time and money during operation

## BENEFITS

Market leading expertise to ensure quality and safety

Cost effective overall solution from one contractor for consistency

Fast response to fit with tight timescales

Specialist expertise and experience for operations in a challenging environment



**DELIVERY ASSURED**

## CHALLENGE

BP required support with all of their lifting engineering services throughout the hook-up and commissioning of the Clair Ridge platform. As a long term specialist contractor for BP's North Sea assets we were asked to become actively engaged in the Clair Ridge project from an early stage.

"The health and safety knowledge and guidance we received was welcomed by all. Sparrows built an excellent working relationship with all deck crew personnel with a first class attitude, and their coaching and assistance has been invaluable."

**PETER LAMBERT**  
**BP CLAIR RIDGE, LOLER**  
**APPOINTED PERSON**

## SOLUTION

- We supported maintenance and inspection of lifting equipment as well as supplying a number of key personnel.
  - Surveys of lifting equipment were completed in-field, West of Shetland.
  - Lifting registers were created onshore with certification from BP's database and were uploaded to the Sparrows Group Inspection, Certification and Examination (ICE) database in advance of offshore mobilisations, thus optimising time spent offshore. This provided BP with a lifting register database which personnel from both client and key stakeholders are able to access easily.
  - During the construction of Clair Ridge in Korea we supplied personnel to operate the cranes to support commissioning activities.
- We created a suite of Planned Maintenance Routine (PMR) documents for lifting equipment, including pedestal cranes. The Sparrows crane operators who supported Clair Ridge are also mechanics and have undertaken verification activities of PMRs for further optimisation.
  - BP wanted to help the new deck crews to settle in and effectively monitor how they were behaving in their new environment. We mobilised our Integra safety coaches for the task and were able to report on any areas for improvement and also offer coaching on-site. Coaching to improve safety is an ongoing activity.

## SUMMARY

- Supply of crane maintainer / operator personnel
- Onshore engineering support
- Dedicated onshore management support
- Supply of lifting equipment and accessories
- Lifting equipment inspection services
- Support for Programmable Logic Controller (PLC) technical issues on Original Equipment Manufacturer (OEM) cranes
- Supply of Integra personnel to coach BP and other contractor deck crews
- Training
- Supply equipment, crane spares and hydraulic equipment
- Provision for planning of all scopes of work
- Lifting plan documents
- Incorporation into key BP systems such as MAXIMO CMMS and Traction for safety management
- Supply of Stahl gantry crane, including commissioning support
- Supply and installation of Latchways systems

1.



2.



1. Hook up of the installation underway
2. Pedestal crane at work

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