

Lifting operations management during major outages

CLIENT BP
ASSETS Andrew, Clair, ETAP
LOCATION North Sea

Specialist lifting support ensures efficient changeout of critical equipment during turnarounds (TARs)

BENEFITS

Efficient changeout of approx. 1,000 pieces of critical equipment

Optimised productivity through quick turnaround

Risks mitigated with comprehensive planning

24/7 onshore support of subject matter experts



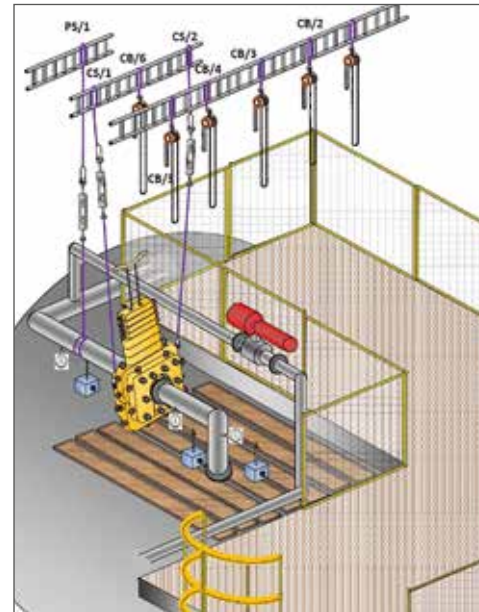
CHALLENGE

- BP was carrying out major North Sea asset outages to implement essential maintenance and improve productivity, efficiency and performance
- With production shutdown it was critical to ensure that the correct planning, risk assessment and appropriate mitigations were identified and applied to all activities. Quick and efficient turnaround of scopes was essential.
- Lifting operations and mechanical handling are considered a high-risk area so BP required competent specialists to ensure all scopes would be implemented without incident.
- There was no defined work scope so we had to prepare for a variety of activities and be ready to execute the work when required.
- All levels and complexities of lifting that might be required were identified - from routine deck lifting operations through to complex rigging and lifting operations.
- Time constraints were a major challenge, especially during the ETAP firewater outage as no helicopters were allowed to land on the platform until all valves had been changed out.

SOLUTION

- A lifting operations specialist was integrated into each of the asset's onshore team in the client's office
- Sparrows' operations, HR, logistics, rigging, inspection, recruitment and supply chain departments all coordinated through the lifting operations specialist to identify and define the procedures, resources and materials required for each scope. Each campaign included the supply of lifting procedures, rigging equipment and personnel to carry out offshore implementation.
- Each project or outage's work scope changed in the planning stages, but Sparrows was able to react through re-prioritisation of deliverables and delivery of alternative solutions at the earliest stages, using the lifting specialist as a conduit between both organisations.

- Over 30,000 work hours were undertaken by Sparrows personnel (onshore and offshore) without incident
- Over 300 lifting plans were developed and executed throughout the projects and outages
- Approximately 1,000 pieces of critical equipment were successfully changed out.



AOG valve work scope.

SUMMARY

Integrated solutions

- Crane and lifting services management
- Deck operations management
- Mechanical handling

Capabilities / services

- Multi-discipline engineering / design
- Crane operations
- Rigging / lifting
- Inspection / testing / rope access
- Site surveys
- Training / coaching

Equipment sale and rental

- Rigging / lifting equipment
- Mechanical handling equipment

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