

### CASE STUDY



**ASSET  
LOCATION**

**FIXED PLATFORM  
NORTH SEA**

**TEAM  
DURATION**

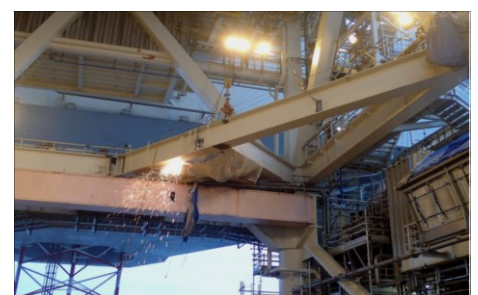
**70 PERSON  
24 MONTHS**

## PROJECT OVERVIEW

Provision of a large offshore multi-disciplined team, supported by a technical rigging and lifting team based at the client's offices for the hook up and commissioning of one of the largest platforms in the UK continental shelf.

## SCOPE OF WORK

- Appointed Person and Rigging and Lifting TA to support client lift management onshore
- Development of LOLER Lift Plans for all lifting operations (including complex and heavy lift)
- Preparation and issue of workpacks for all scopes work
- Onshore project team to coordinate critical path projects
- Multi-disciplined 70 personnel team for construction and mechanical services
- Electrical installation, commissioning and ATEX inspections
- Pipefitting and SBMT installation
- Provision of specialist access personnel and associated equipment
- Provision and installation of access, DROPS and fall protection systems including rope access, scaffolding, AquaNet® and QuikDeck®
- Removal of 500 tons transportation (pink) steel and weld repairs
- PDO sweeps and rectification



## CLIENT CHALLENGES

- Major offshore hook up with multiple contractors, critical path construction projects
- Complex scheduling of multiple SimOps and critical path construction operations
- Management of more than 700 personnel on dayshift and nightshift working
- Verification, tracking and management of tradeskill competence
- Prioritising access to work areas and limited availability of access equipment (i.e., scaffolding)
- Finite project duration and flotel availability, limited contingency
- Several variations to the scope of work throughout execution, requiring significant management of change and adjustments to the overall programme

## AQUATERRA SOLUTIONS

- Comprehensive personnel selection, trade testing and verification process approved by client
- Formal, client approved programme of training for multi-disciplined tradeskills
- Specialist rigging and lifting team seconded to client office to oversee all lift planning and operations
- Small, self sufficient, multi-disciplined teams offshore
- High use of fall and dropped object netting to isolate areas and mitigate overside cover
- Use of QuikDeck® for challenging access scopes

## ADDED VALUE

- ✓ Commercial maturity – intelligent, collaborative, transparent
- ✓ Addition work – huge uplift in AquaTerra scope due to planning efficiencies
- ✓ Self-sufficient – no time lost waiting on third party access support
- ✓ Flexibility – able to change workscope and priorities at any time
- ✓ Innovative solutions – saved time, increased productivity, cut cost
- ✓ Embedded safety culture – 300,000 manhours, no LTI's or FA cases
- ✓ Competence – client waiver given due to AquaTerra proven capabilities
- ✓ Communication – with all interested parties, at all levels, at all times

