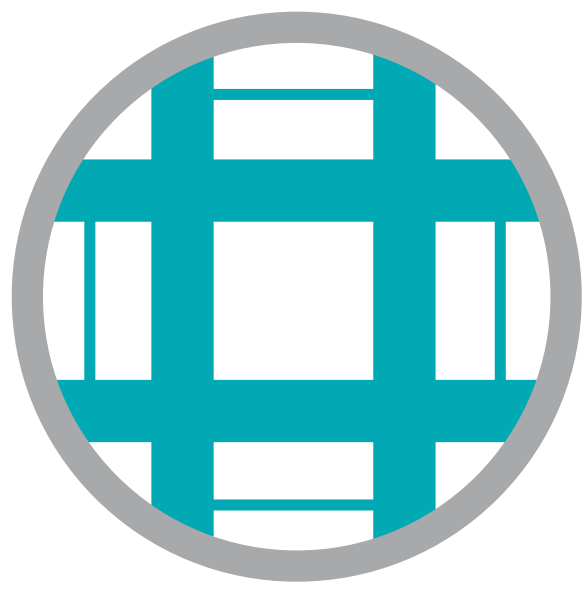




DSL

A JOULON COMPANY

Faraday Road, Great Yarmouth
Norfolk, United Kingdom

+44 (0)1493 669141

enquiries@derricksl.com

www.derricksl.com

DERRICK REMOVAL CASE STUDY

The Platform Operator are a long term client of DSLs where we regularly complete asset integrity and drilling structure scopes.

The removal scope came from the Projects Team who knew that DSL had a comprehensive Track Record in removing drilling structures utilizing the Floating Pole methodology, mitigating the need for costly HLVs.



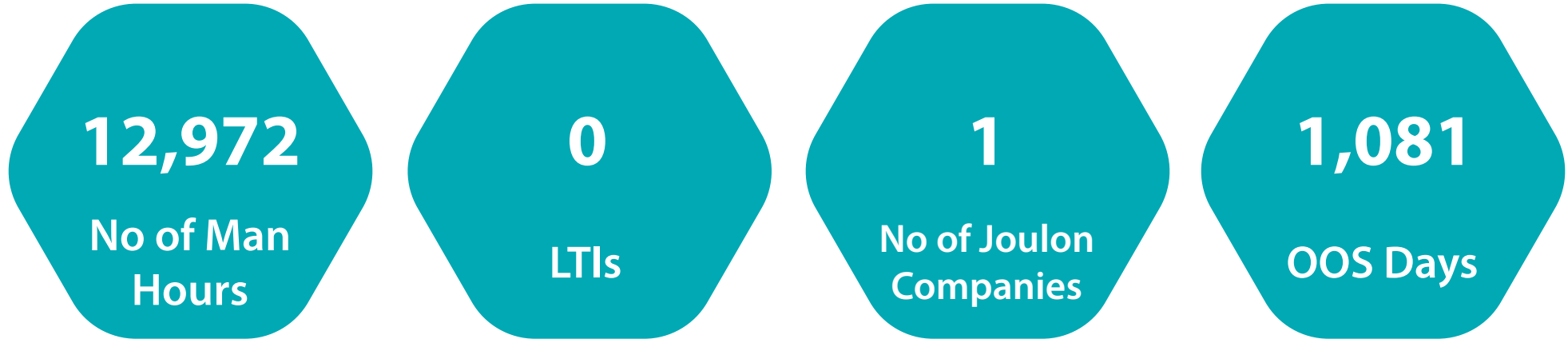
CHALLENGES

- Completing a comprehensive Engineering analysis to ensure structure Integrity is maintained and proven throughout the dismantling Phase.
- Weather challenges and having enough fall-back work to complete during WAH downtime.
- Close Proximity of the Platform Flare to the drilling structure

SERVICES OFFERED

- ✓ Offshore detailed Site Survey to assess feasibility
- ✓ Completion of a comprehensive Engineering analysis
- ✓ Preparation of detailed Work packs
- ✓ Ongoing Project Management
- ✓ Removal of the Drilling Derrick structure form Crown to Level 5 (Top of V door) using the floating pole
- ✓ Removal of Drill floor Structures/Equipment & Making Safe
- ✓ Supply of all Plant & equipmenyt to complete the task
- ✓ Supply of qualified IRATA Rope Access Rig-Builders

THE PROJECT IN NUMBERS



WORKSCOPE

- Install dedicated Tuggers on the Drill floor
- Remove Derrick Ancillary Equipment Using Tuggers
- Assemble and Install Floating Pole in the Derrick
- Load Test Floating Pole Assembly
- Remove gin pole utilising Floating Pole Assembly
- Commence removal of Derrick sections utilising Floating Pole Assembly from gin pole down to level 5 (top of derrick v-doors).
- Removal and disassembly of Floating Pole Assembly
- Removal of Derrick Stem from Level 5 to Drill Floor utilising Platform Crane.
- Removal of all Drilling Equipment from the Drill floor, including but not limited to:
 - Doghouse
 - Draw-works
 - Poor Boy De-Gasser
 - Drill Line Spooler Cover & Support
 - Iron Roughneck
 - Rig Floor Tuggers
 - Standpipe Manifold
 - Drill floor Wind-walls



SOLUTION PROVIDED

- DSL provided a 10 man IRATA Rope Access team and Plant & Equipment and successfully completed the removal of a 145' drilling structure from crown to drill floor utilizing the floating pole.
- The above mitigated the requirement for the client to hire a Heavy Lift Vessel
- DSL offered design & engineering solutions and ongoing project management throughout the project
- A safe and cost-efficient alternative solution to the client

BEST PRACTICE

- Use of latest Engineering software to complete engineering analysis
- Use of API recognised Drilling Structure Technicians
- Using specialised processes and knowledge to create both time and cost efficiency
- Utilizing specialist plant & equipment tailored to suit project requirements.

PROJECT SPECIALISTS

