



Engineering excellence  
for a sustainable future



# Heavy Lift Engineering Services

**NAVAL ARCHITECTS  
& MARINE ENGINEERS**  
**MOREK.CO.UK**

**Morek provides comprehensive engineering services for offshore heavy lift.**

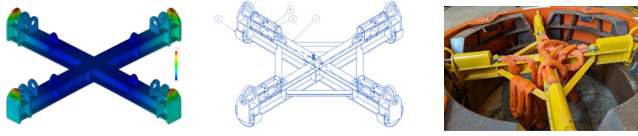
We support our customers in all aspects of lifting operations including complex lift plans, engineered lifts, tooling design and site supervision.

Our highly experienced engineers and lift supervisors have the knowledge and skills to guide clients through each project stage, from concept to detailed design, planning and procurement to offshore installation.



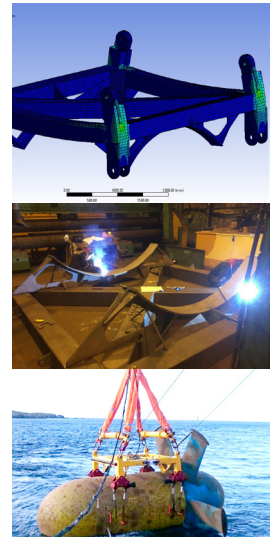
## Design

- » Custom rigging design with provision of detailed arrangement drawings.
- » Structural design: lift points, beams and bespoke frames compliant to offshore design codes.
- » Hydraulic systems, telemetry systems and upending grillages.



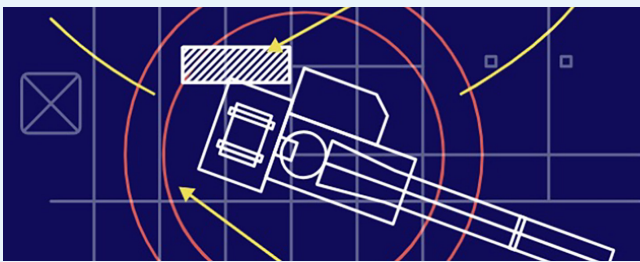
## Analysis

- » Support of engineered lifts with advanced modelling methods.
- » Analysis of vessel motions, dynamics, and weather windows.
- » Relative hook motion, installation tolerances, tandem lifts, wave slamming and flooding scenarios.



## HSEQ Documentation

- » Routine and complex lift plans compliant with LOLER, DNVGL and IMCA.
- » Risk assessments, method statements, arrangement drawings, storyboards and calculations.

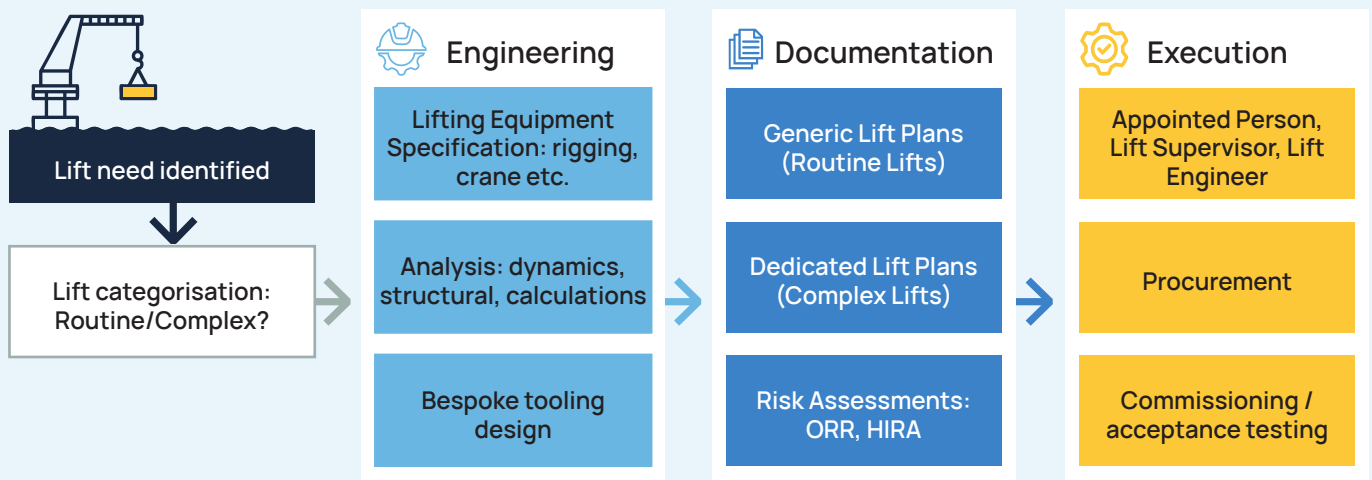


## Site Supervision

- » Supply of experienced Lift Supervisors and Engineers for offshore projects.
- » On-site coordination including HIRA, toolbox talks and lift supervision.
- » Assistance with lifting equipment procurement, commissioning and operation.



**Morek's in-house framework** for categorising lifts and providing code-compliant documentation benefits from many years of experience in engineering complex lifts for the offshore energy industry.



## Get in touch

Contact us today to enhance your offshore renewables project.  
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