

JOB ADVERT

A permanent **Project Engineer - Marine** role, based in **Portishead, North Somerset**.

Your new company

Osprey is a great, British, logistics provider. Drawing on 25 years of in-house experience, our people find the right approach, the right combination of expertise and equipment and the safest, most efficient way to transport and install their assets and critical infrastructure. We've shaped our business with family values, and we concentrate on building long-term relationships. We're independent. We may be the strongest UK company you've never heard of.

We transport and install the largest structures and critical assets needed to build and renew major infrastructure. Everything from a new 4,000te railway bridge, to the world's largest offshore windfarm blade – at 107m long. With a maritime, vessel-owning heritage to be proud of, we own our own heavy cargo barges; we have one of the largest domestic SPMT fleets in the UK and some of the heaviest lift cranes. We're committed to delivering on our promises, on time, on budget.

Your new role

The **Project Engineer - Marine**, will lead all engineering related to heavy lift transportation and activities in the marine environment including but not limited to;

- Load out engineering
- Load in engineering
- Ballast engineering and management of ballast operations on dumb barges and barges with internal ballast systems
- Structural design
- Sea fastening design
- Management of marine activities and scopes of work across the UK, Europe and globally where required
- Act as main focal point for all technical requirements for marine operations across the group
- Supporting the Engineering Manager/Director, lead on the ongoing development of the marine engineering discipline at Osprey by implementing best-in-class standards and procedures
- Manage, mentor and guide junior members of the marine engineering team.

The ideal candidate will have

- Extensive experience in engineering and delivering major load-out scopes (including super-heavy) across the UK and globally in safety critical environments using all different methods (RoRo, LoLo, Float off, float over, strand jack launches)
- Experience in engineering and performing technical management of projects and developing and mentoring teams.

The **Project Engineer - Marine** is accountable for:

- **Technical focal point** – acting as a technical point of contact for the customer, site operations and project management teams; applies internally and externally.
- **Preparing engineering documentation** – developing drawings, calculations, visualisations, manuals, risk assessments, method statements, stability calculations, sea fastening calculations, mooring analysis, structural design and other key documents; ensuring high levels of document



quality and document control throughout the lifecycle of the project. Preparing and selecting both existing and renewed engineering statements.

- **Technical design and solutions** – be responsible for and prepare all marine engineering for the projects department and barges operations. Using their expertise to devise smart engineering solutions for marine, heavy lifting and transportation projects.
- **Point of contact / supporting on-site engineering activities** – conducting site visits to assess customer requirements, along with attendance during operations to manage and motivate the team. Acting as a point of contact for the customer and site operation teams, along with attendance during operations to manage and motivate the team.
- **Conducting site visits** - providing conceptual solutions for lifting operations.
- **Develop and execute** - drawings, calculations, visualisations, manuals, risk assessments and other key documents to deliver the right results for the customer with a particular focus on safety and quality, whilst maintaining high standards of documentation quality and control through the lifecycle of the project.
- **Project delivery** - ensuring efficient execution that delivers the right results for the customer with particular focus on safety and quality; working with internal project management teams to ensure engineering workflows are adhered to and delivered accordingly.

What you'll need to succeed

The successful candidate will have:

Essential

- A minimum 8-10 years' experience in engineering and managing critical Load-out/in Marine Operations using barges.
- Bachelor's / Master's degree in either Naval Architecture or Marine/Ocean Engineering especially marine-related discipline or significant demonstrable industry experience. Managing marine-based projects
- Site experience including personnel management on site (e.g. managing ballast systems during load-out/in)
- Relevant experience in heavy lift transport, shipping or lifting markets.
- Proven experience of acting as a technical focal point.
- Proven experience in developing and delivering engineering solutions in the heavy lift industry.
- Core Naval Architecture concepts.
- Vessel stability.
- Vessel mooring analysis, quasi-static & dynamic.
- Hydrodynamic analysis and application in heavy lift industry.
- Structural design
- Project management methods
- Report writing
- Knowledge and experience of technical codes and standards.
- Strong and demonstrable engineering skills (seakeeping, mooring analysis & installations, sea-fastening, structural design). Able to perform hand calculations and checks on design from first principles before the use of FEA software
- AutoCAD
- Intermediate Excel / Word / PowerPoint / Outlook
- Excellent level of English, both verbal and written
- Ability to successfully manage relationships internally and externally at all levels.



- Flexibility and willing to travel (the role is based in the Portishead office, where the engineering department is situated)
- The nature of the work will see you spending sometime onsite, offshore, client meetings and other Osprey offices
- High level of self-motivation and self-management ability
- Must be able to work as part of a team
- Able to learn new techniques and procedures
- Able to solve ad-hoc problems quickly with clearly defined solutions
- Quality and detail focus, right first-time approach
- Clear concise communicator – written and verbal
- Effective planner
- Proactive
- Current and valid driving licence
- Current and valid passport, no restrictions.

Desirable

- UK Chartered Engineer with a relevant institution (e.g. ICE, IMechE, IStructE, IET, RNIA).
- Experience using other types of heavy lift equipment such as;
- Crawler/Mobile cranes
- Hydraulic installation equipment
- Modular conventional transport
- Experience with structural steel design to EC3
- Experience with temporary works standard (BS5975).
- Understanding of subsea oil and gas projects, their infrastructure and life cycle
- Good understanding of the offshore oil and gas and offshore renewable industries
- Good understanding of defence sector works and other safety critical environments (e.g. Nuclear).
- MathCAD
- Clear understanding of the relevant equipment and its use
- Proficient in use of Ansys Workbench OR other FEA software.

Please note if you are required to drive company vehicles as part of your role, you must hold a full clean UK driving licence. You must also hold valid right to work within the UK.

What you'll get in return

A competitive and attractive salary depending on experience, plus excellent benefits. The role offers an opportunity to join an organisation committed to supporting its employees.

In addition to your basic salary, you will receive the following benefits:

- 25 days' annual leave, plus 8 bank holidays
- Enhanced employer pension contributions
- Private medical insurance
- Income protection insurance
- Performance-related pay scheme
- Flexible/hybrid working environment
- Access to our Employee Assistance Programme
- Support with your career development through our Success Management Process



Osprey is committed to being an inclusive employer and strives to attract talent who thrive in an inclusive and flexible working environment.

If you have a disability or need any reasonable adjustments during the application and selection stages, please let us know and we will respond in a way that best fits your specific needs.

What you need to do now

If you're interested in this role, please apply [here](#), or email an up-to-date copy of your CV to careers@osprey.group.

Closing date

This vacancy will remain open until we have found a suitable candidate.

