

Graduate Naval Architect/Engineer

To undertake project work and oversee technical performance, including engineering, design and analysis in support of the company's Naval Architecture, and engineering contracts. The job may require work at the Group's other offices, also at client or subcontractor premises and to undertake occasional business trips to offshore vessels or installations and shipyards in the UK and overseas.

Key Duties:

- Calculate and give advice/assistance in assessing vessel performance (motions/stability/strength)
- Review and approve calculation packages prepared by Project Teams and 3rd party design consultants (motions/stability/strength)
- Carry out stability calculations for project teams
- Undertake structural design calculations and drawings to Class requirements
- Review and approve plans as part of a ship building contract for a variety of vessels including ferries, high speed craft, Ro-Ro ships, sophisticated cargo carriers and tankers.
- Interface with various Classification societies and Flag states
- Conduct design review meetings to assure that technical objectives are being achieved
- Site surveys, including deadweight surveys, inclining experiments, equipment tests and other site activities such as yard capability review

Desirable experience and Qualifications:

- MS Office applications and other software such as AutoCAD, with a basic understanding of beam element analysis software and finite element analysis (FEA) software e.g. Ansys or similar
- Basic competence of 2D/3D CAD software
- Applicant should have a solid Engineering background, with demonstrable knowledge of vessels' structure
- Awareness of Classification society and Flag state rules and regulations
- Essential: BEng (Hons), MEng or MSc (or equivalent) in Naval Architecture, Ship Science or other relevant subject (minimum Class 2:1/Distinction (or equivalent foreign awarding academic body))