

OYSTER

JOB SPECIFICATION

NAVAL ARCHITECT – STRUCTURAL

Based at Oyster Yachts, Saxon Wharf, Southampton

The Naval Architect will report to the Head of Design, Oyster Yachts, Southampton

PRINCIPAL JOB RESPONSIBILITIES

To produce and verify Yacht structures and produce detailed plans for production.

GENERAL REQUIREMENTS OF THE ROLE

- Responsible for producing detailed yacht / boat structural plans and drawings for use in the production yards.
 - To be able to prepare documents and structural reports for various certifying authorities.
 - Capable of preparing laminate and structural weight estimates.
 - Must be familiar with laminate schedules and able to perform various structural calculations in order to improve and optimize the composite structures throughout the vessel.
 - Be able to perform and work within a team of designers / naval architects in order to optimize the overall design.
 - Have a clear understanding of forces acting and influencing the yacht.
 - Capable of producing rigging load calculations.
 - Able to produce rudder load calculations.
 - Calculating loads and forces within structural fabrications and producing manufacturing drawings for these items.
 - Capable of producing build and production drawings for yacht engineering systems.
 - Able to produce the 'As Fitted' drawings once the vessel is complete.
 - Occasional travel between yards and manufacturing sites.
 - To be hard working, truthful and conscientious at all times.
 - To be a valued member of the design team and undertake any other duties that may assist the department, Oyster Marine or the Oyster Group.
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Skills and Abilities

- Degree educated or equivalent
- Naval architecture background would be an advantage
- Design experience in the yachting sector
- Detailed knowledge of yacht production techniques and processes. Able to work with 2D and 3D CAD software including V5 CATIA.