

# OYSTER

## JOB SPECIFICATION

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### **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.

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### **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.