

Job Description

Job title	Systems Engineer / Design Engineer Graduate
Purpose of job	The purpose of the job is to provide Systems Engineering / Design Engineering support to the Surface Ship Systems Design team.
Band	Graduate Programme
Reporting relationships	<ul style="list-style-type: none">• Line Managed by the Head of Systems Design.• Tasked by the Surface Ship Systems Design team.• UK based.
Staff responsibility	None
Budget responsibility	None
Scope	<p>This is an opportunity to join our multi-disciplinary design assurance team within the Surface Ships Division. You will be working alongside systems engineers and subject matter experts helping to guide the design and build of a range of small manned and unmanned craft with their associated control systems, payloads and deployed mission equipment. Consequently experience across a broad range of engineering, ship design and manufacturing processes will be necessary. The individual will work alongside Design Authority staff and Product Managers supporting early stages of the design lifecycle ensuring that requirements are understood and that our designs are fit for purpose. You will also be working closely with design and production teams throughout. You will be expected to have a good general knowledge in mechanical, electrical or marine systems and be able to interpret drawings, technical specification and manufacturers' data sheets.</p>
Location	Winfrith
Employment status	Graduate Programme
Knowledge, skills and personal qualities required	
<ul style="list-style-type: none">• Degree in Engineering or an Engineering-related subject (e.g. Marine Science, naval Architecture, Ship Design)• Interest or past experience in engineering or the marine industry• Demonstrate excellent written and verbal communication skills• Excellent interpersonal skills and be able to interact with people at all levels both within the company and externally• Computer literacy in order to operate information systems. Proficient in Microsoft Word, Excel, PowerPoint• Familiarity with 2D drawings and 3D CAD models would be advantageous Able to build rapport and develop working relationships• Strong team focus• Strong time management skills• Ability to work independently at times under own initiative• Ability to use own initiative when working under pressure• Prioritise and manage personal workload to ensure deadlines are achieved.• Willingness to travel in the UK and overseas	
Challenges	
<ul style="list-style-type: none">• Working in a dynamic and fast paced environment• Balancing conflicting requirements• Work effectively across multiple departments	
Key accountabilities	
Support to the Systems Design Team within the Surface Ship Systems Division:	
<ul style="list-style-type: none">• Leading discrete design tasks in relation to current projects as directed by project Design Authority. This will be wide-ranging and cover everything from developing detailed information to support design decisions to preparing material for formal reviews.• Owning the forward plan for design reviews and monitoring progress against this for each major project, liaising with the Head of Operations and the Engineering Office accordingly.• Supporting Product Managers with collating information for product specifications.• Working with Design Authorities and Product Managers to develop and maintain product roadmaps• Supporting our Sales Team during bidding activities for future project opportunities; specifically preparing technical information, writing technical descriptions and reviewing bid documents prior to submission.• Attending client and supplier meetings.• Attending and supporting equipment tests.	
Behavioural requirements	

- Must be a professional, flexible, reliable team player, who is pro-active with motivational drive and initiative to overcome problems quickly and effectively.
- Ideally have an assertive and confident approach to duties and individuals with strong interpersonal and well developed communication skills.
- Ability to work across multi-functional teams and business areas.
- Possess excellent organisational and time management skills that will equip the team and business with an efficient service
- The post holder will be required to develop knowledge of the processes and co-ordination of their appointed areas with the help in the first instance, but eventually will be expected to take full responsibility for their appointed tasks.