

**Position:** Electro-Mechanical CAD Drafter, USN Landing Craft Systems

**Location:** Boston, MA (Full time, Position Available Immediately)

If you are interested in supporting the US Navy with design and logistics support for state-of-the-art landing craft in a role that involves meaningful and challenging projects, MSCorp has a great opportunity for you.

**Summary:** We provide Planning Yard support for the US Navy as a contractor for the Naval Sea Systems Command (NAVSEA) PMS 317 Amphibious Warfare Program. This includes both the Landing Craft, Air Cushion (LCAC) and Landing Craft, Utility (LCU).

This position requires an electro-mechanical CAD draftsman to create technical drawings, 3D models, and schematics for systems combining mechanical and electrical components, such as machinery, fluid systems, power distribution and electronics systems. Utilize software like AutoCAD or SolidWorks to translate engineer sketches into actionable production layouts.

### **Roles and Responsibilities**

- Develop craft installation drawings with detailed plan, elevation and sectional views.
- Develop Bill of Material (BOM) for all parts and material required such as pipe/tube fittings, pumps, motors, power equipment, electronics components, electrical wiring and cables.
- Adhere to Military Standards (MIL-STD) for all drawing development practices.
- Work with a team of mechanical and electrical engineers to develop complex engineering packages.
- Perform Quality Assurance (QA) checks on all work, and that of teammates as assigned.
- Travel on-site and perform craft checks as required for new engineering changes.
- Assist with the incorporation of craft engineering changes into system level technical manuals dependent upon team workload.
- Assist with the development of Acceptance Test Procedures (ATP).

### **Qualifications**

- A two-year associate's degree or certificate in drafting/CAD technology is preferred. (Commensurate experience in relevant CAD drafting will be considered.)
- Mechanical and Electrical drafting experience for marine vessels is a plus.
- Knowledge of Maritime Regulations (ABS, NAVSEA, MIL, USCG, etc.) is a plus.
- Shipyard experience in trades or drawing development is a plus.
- Experience in Microsoft Inventor and/or SolidWorks is plus.
- Experience in Microsoft Office suite is required.
- Ability to obtain SECRET security clearance

**Licenses/Certifications:** Please provide any.

**Benefits:** MSCorp benefits package includes Health: Medical, Dental, and Vision insurance. Leave: Paid time off, Holidays, Bereavement  
Financial: 401k

*\*\* Please send resumes to [jobs@mscorp.net](mailto:jobs@mscorp.net).*

*\*\* For more information about MSCorp please visit our website at: <https://mscorp.net>.*

*\*\* Marine Systems Corporation is an equal opportunity employer. All applicants will be considered for employment without regard to race, color, religion, sexual orientation, gender identity, national origin, age, veteran, or disability status.*