

POSITION: ENGINEER – ELECTRICAL SHIP CONTROLS

Location: San Diego, CA

Job Status: Full-time

Background: Marine Systems Corporation (MSCorp) is supporting a US Navy Program requiring Engine Control system support. The Ship Control Engineer will provide full-time onsite support to Southwest Regional Maintenance Center (SWRMC).

Responsibilities & Duties

- Perform tasking related to Ship Control Systems on a wide range of US Naval electronic and electrical systems and their associated support systems and equipment.
- Investigate complex and diverse engineering problems presented in IDRs, TAAS AWRs, and CFRs and participate in problem resolution.
- Perform ship checks and provide detailed reports documenting technical issues and recommended repairs.
- Perform engineering analytical tasks to identify and correct system deficiencies and provide technical solutions in the form of drawings, memoranda, reports and sketches.
- Support Project Support Engineer and Coordinator for handling all technical issues that arise.
- Support infrared (IR) surveys to identify over heating condition of wirings and connections within switchboards, motor controllers and other electrical equipment.
- Support cableway inspection oversight and drawing review and identify deficiencies of shipboard electrical cable hazards and corresponding level of priority and provide repair recommendations.

Required Qualifications/Knowledge/Experience

- Minimum of four (4) years general experience with naval or marine electrical and ship control systems. DDG1000 or LPD class experience a plus.
- Experience in the assessment, repair, and maintenance of electronic ship controls on US Naval ships.
- Demonstrate a working knowledge of Navy assessment programs, inspections, visit processes and reporting methods for visits.
- Ability to utilize computers including the Microsoft Office Suite for compiling information for reports and history files and transfer digital pictures from camera to computer and enhance as required and label them for report purposes.
- Ability to communicate effectively in writing and orally.

Other

Education: Bachelor's degree in Electrical Engineering or related major or prior USN Engineer with Controls experience

Licenses/Certifications: Please provide any (PE is a plus)

Travel: May be required

Citizenship: Must be a U.S. Citizen

Clearance: Ability to obtain and maintain an active SECRET security clearance

Benefits

Health: Medical, Dental, and Vision insurance

Leave: Paid time off, holidays, bereavement

Financial: 401k

ADA Notations:

- Requires walking, reaching, sitting and concentration in the presence of occasional noise

- Ability to move in narrow and restricted passageways, up/down steep and narrow ladders or stairways, and up and down antenna masts/yardarms (onboard ships)
- Ability to lift, carry and move objects up to 50 lbs in weight
- Ability to quickly move your hand, your hand together with your arm, or your two hands to grasp
- Ability to stand, stoop, bend, kneel, and work in tiring and uncomfortable positions
- Ability to wear a respirator
- Frequently lifts, carries and helps setup tools, equipment, and parts that weigh up to 50 pounds
- May be required to go aloft onboard ships to inspect Tanks, Voids, Spaces, and Superstructures.