 **Senior Marine Instrumentation Specialist Standard Job Description**

**Classification Title:** Senior Marine Instrumentation Specialist

**FLSA Exemption Status:** Exempt

**Pay Grade:** 11

**Job Description Summary:**

The Senior Marine Instrumentation Specialist, under direction, maintains, operates, calibrates and repairs electronic and electromechanical scientific and laboratory oceanographic equipment. Plans and sometimes leads cruises relating to research and the service of oceanographic equipment. Design/modify and fabricate new equipment as required to fulfill project requirements.

**Essential Duties and Tasks:**

**30%: Maintenance**

* Maintains, operates, calibrates and repairs electronic and electromechanical scientific and laboratory oceanographic equipment.
* Calibrates, operates, downloads data and maintains tool supplies and instrumentation.
* Monitors download data and troubleshoots issues.

**25%: Administration**

* Assists in inventory control and requisition of electronic spares.
* May supervise assigned staff.
* May develop and supervise the day to day operation of an experiment, project, or lab.

**25%: Installation**

* Assists in the installation and integration of leg specific 3rd party scientific equipment.
* Install and test new/upgraded equipment.
* Acts as a vendor interface and assists in the requisition of new equipment and spares.
* Assists in the preparation of equipment documentation and operations manuals.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above.

**Qualifications**

**Required Education:**

* Bachelor’s degree or any equivalent combination of training and experience.

**Required Experience:**

* Five years of related experience

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Working knowledge of oceanographic equipment and practices.
* Ability to multitask and work cooperatively with others.

**Additional Information**

**Machines and Equipment:**

* Oceanographic Equipment
* Computer
* Telephone

**Physical Requirements:**

* Ability to lift and move moderate weight objects.

**Other Requirements and Factors:**

* This position is security sensitive.
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU policies, regulations, rules and procedures.
* All tasks and job responsibilities must be performed safely without injury to self or others in compliance with System and University safety requirements.

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

[ ]  **Yes**

[x]  **No**

**Does this classification have the ability to work from an alternative work location?**

[ ]  **Yes**

[x]  **No**