



## **UNOLS Job Description Ver:21 Sept 2017**

**Title: UNOLS Programmer**

**Reports to: UNOLS Executive Secretary UNOLS**

### **Basic Function:**

Maintain and upgrade UNOLS Ship Time Request and Scheduling (STRS) System SQL database. Implement deployment of Web-based interface. Instruct and assist UNOLS Office personnel in development of system upgrades.

### **Essential Duties and Responsibilities:**

- 1) Maintain the STRS SQL database.
- 2) Implement Web-based interface upgrades.
- 3) Recommend changes and improvements.
- 4) Upgrade project manager on a regular basis on status of project.
- 5) Instruct and assist UNOLS Office personnel in development of system upgrades and revisions.
- 6) Function as primary resource to provide troubleshooting and end-user support.

### **Interpersonal Contacts:**

Must be able to communicate in a clear concise manner with UNOLS Office staff in Person, by phone and e-mail.

### **Qualifications:**

Education and Experience: Any combination of experience and training that would provide the required knowledge and abilities. Bachelor's degree in computer science preferred.

Knowledge, Skills and Abilities Required: Experience with relational databases and functions such as advanced queries and SQL. Experience with Microsoft Visual Studio (ASP.Net framework), Microsoft Visual Basic, and SQL Server Management Studio helpful. Ability to troubleshoot, good communication skills.

### **3) Environmental Conditions:**

Ability to work independently and/or alone without immediate supervision.

**4) Complexity of Duties:** Very Complex which requires detailed knowledge of database server administration and familiarity with the server operating system.