

Internship - Bay Hydrographer Intern (Solomons Island, MD)

Job Description:

Full-time, 12 months duration. Paid

The Office of Coast Survey maintains six Navigation Response Teams (NRTs) located regionally around the country for rapid-response hydrographic surveys and nautical chart product verifications. NOAA NRTs verify Electronic Navigational Chart data collection and Coast Pilot field examinations to promote safe marine navigation, but they are also on call 365 days a year for emergency survey requests. This capability is very useful for port and homeland security as the NRTs can provide emergency depth surveys for major ports when disaster has occurred. NRTs perform hydrographic Side Scan Sonar surveys for updating U.S. Government Navigational Charts. The field teams conduct hazardous obstructions surveys utilizing diving operations, electronic navigation capture, data collection and mapping support capabilities throughout the Atlantic Seaboard, Pacific Coast, Great Lakes and the Gulf of Mexico. The field unit operates in a 365 day a year environment to support NOAA's mission of promoting safe marine navigation. This provides highly accurate and detailed survey data to facilitate production and distribution of marine navigational charts and supplemental aids. On a 'normal' workday, the NRTs work in pre-planned areas throughout the national waters. Selected NRTs may deploy to emergency areas, when needed.

The selected intern will be integrated into the NRT, with Government staff, involved in all of the day-to-day activities, including data collection and processing and learning the fundamentals of modern hydrographic survey techniques and technology. Data collected from side scan sonar surveys, using differential GPS equipment and other methods must be checked for quality control and formatted for use in chart compilation and update. The Intern will be involved in all phases of project planning and operations and will be exposed to a variety of chart products and customers.

Required Skills:

Computer literacy - 2 full years of experience with personal computers and related office applications. Prior experience on the water and operating small vessels is strongly desired. Diving experience also desired. Any experience with hydrographic surveys, data collection, data processing, quality control, and vessel operations a plus. Ability to work independently and as part of a team.

Required Education

2 full years of academic study, minimum. Bachelor's degree in engineering, geography or related earth science is preferred.

Please email your resume and cover letter to careers@ertcorp.com

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