

JUNIOR VIDEO ENGINEER (multiple positions)

Status: Independent Contractor, Seasonal

FLSA Classification: Non-exempt

Compensation Type: Contracted Day Rate

Benefits Eligible: No

Reports to: Lead Video Engineer and Video Operations Manager (Contract)

Location: Onboard E/V *Nautilus*, worldwide

BACKGROUND

The Ocean Exploration Trust (OET) is a 501(c)(3) nonprofit organization—founded in 2007 by Dr. Robert Ballard—with the aim of exploring the ocean and seeking new discoveries while pushing the boundaries of technological innovation, education, and outreach. OET owns and operates E/V *Nautilus*, a 224-foot exploration vessel equipped with acoustic mapping systems, remotely operated vehicles (ROVs), and other state-of-the-art exploration technologies. Expeditions aboard E/V *Nautilus* are conducted in partnership with the organization’s primary sponsors, NOAA Ocean Exploration, and the National Geographic Society, as well as in close collaboration with the ocean exploration community. Through telepresence, E/V *Nautilus* expeditions are streamed live to provide scientists and the public with real-time access to exploratory research and the excitement of discovery. Data and samples from expeditions are made publicly available in order to provide a foundational resource to stimulate further research, exploration, and management activities.

POSITION OVERVIEW

Junior Video Engineers are typically on board for four to six weeks at a time. They are part of a team of three total onboard engineers, and report to onboard Lead Video Engineer and the Video Operations Manager. Applicants must have proper authorization to work in the US and have a current passport and no travel restrictions.

The Junior Video Engineer’s responsibility is to operate a complex video system that delivers content throughout the vessel, while generating critical deliverables of multiple satellite streams and recording numerous channels of video and audio. They also operate the shipboard and underwater cameras. They must perform the following duties in close collaboration with the rest of the science and operations team:

PRIMARY RESPONSIBILITIES

- During ROV Dives and Mapping Operations, you will complete mandated operational checklists to verify that systems are in the correct state. You will be responsible for system operation during your assigned watches, and will log and report all system discrepancies.
- Operate cameras on Remotely Operated Vehicles as they image organisms and geology in coordination with the ROV Pilots and others.
- Operate and monitor the shipboard video system and its components, including Ross Ultrix Video Router, Cinedeck Video Recorders, RTS Odin Broadcast Intercoms, radios and radio interfaces, cameras, monitors and related equipment
- Use first-tier troubleshooting techniques to identify, isolate and resolve equipment issues.

- During ROV operations, you will be required to stand a minimum of two four-hour shifts per calendar day.
- Be responsible for satellite streaming content during your assigned watches.
- Participate in mission discussions via broadcast intercoms that are recorded and transmitted to shore and the general public.
- Assist shipmates in learning how to operate various components of the system as required for them to perform their jobs.

MUST BE ABLE TO

- Obtain a US Passport or appropriate visa.
- Deploy at sea for up to 30-60 contiguous days.
- Be physically and mentally capable of meeting the demands of living and operating aboard a working exploration vessel, and must be able to live in close quarters with other expedition team members (including a shared stateroom).
- Maintain a pleasant and professional demeanor under challenging conditions while interacting with fellow expedition team members and while interacting with the public online.
- Contribute to an inclusive work environment in which all individuals are treated with respect and dignity.
- Support OET's mission of training the next generation of STEM professionals by helping to support junior personnel participating in the expedition by engaging with them and helping to provide a positive learning experience at sea.
- To the level that is relevant to this position, contribute to OET's mission to inspire and engage youth and the public by participating in outreach and/or port tours during the expedition.
- Learn a sophisticated system under the direction of the Lead Video Engineer.

SKILLS REQUIRED

- Ability to learn new technologies
- Ability to identify equipment issues and provide first-tier troubleshooting
- Mac and PC literacy
- Strong team player with a proactive, service-oriented attitude
- Ability to work collaboratively with an international, multidisciplinary, diverse team of engineers, scientists, educators, and students
- Excellent verbal and written communications

PREFERRED QUALIFICATIONS & EXPERIENCE

- Camera crew or event experience
- Known resistance to motion sickness

PHYSICAL DEMANDS

This is largely a sedentary role; however, at-sea activity to assist with camera troubleshooting and documentation and carry up to 50 lbs is required.

POSITION TYPE/EXPECTED HOURS OF WORK

This is a contract position with an estimated at-sea duration of 4 weeks to 12 weeks at a time. A typical day includes 2x4 hour video engineer watch during remotely operated vehicle dives, plus up to 6 additional hours of work per day.

COMPENSATION

Day rate will be competitive with standard research vessel rates and commensurate with experience. OET will cover all costs associated with travel, room, and board.

ELIGIBILITY & WORK AUTHORIZATION

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire. Please see our [Waters/Ports Entry Requirements for Expedition Travelers](#) for more details.

EQUAL EMPLOYMENT OPPORTUNITY

Ocean Exploration Trust is an Equal Employment Opportunity/Affirmative Action employer. It is our policy to prohibit discrimination and harassment of any type. We provide equal employment opportunities to all persons without regard to race, color, religion, sex, national origin, age, genetic information, disability, veteran status, political beliefs, sexual orientation, and marital and family status. Ocean Exploration Trust is committed to creating an inclusive work environment and organizational culture. [Learn more about our organizational diversity and inclusion efforts and current priorities.](#)

TO APPLY

Deadline: Open until filled on a rolling basis

Application: To apply, please submit your CV to the form linked below.

Upload your application at: <https://nautl.us/2023ICA>

Please contact us at careers@oet.org if you have any questions or issues with your application submission.