



Safety at Sea

2017

Program Equipment:

Our vessel, the schooner *Seaward*, is inspected by the United States Coast Guard, which ensures that all safety gear is in good repair and up-to-date. We also perform our own monthly inspections of safety gear and continual preventative maintenance to repair and replace equipment as necessary. Rescue equipment that is available and in good repair includes: Type 1 PFDs, inflatable life raft with hydrostatic release mechanism, EPIRB (Electronic Position Indicating Radio Beacon), VHF radio, cell phone, wireless internet device, single-side-band radio, flares, and flashlights, AIS (Automatic Identification System) Vessel Tracking System, 3 life rings, MOB (Man overboard) pole with attached strobe light, Lifesling Overboard Rescue Device, GPS with MOB position indicating button, boat hook. *Seaward* is also equipped with 4 dry chemical ABC fire extinguishers and a fixed fire-fighting system in the engine room.

Personal Floatation Devices:

All of *Seaward's* Type 1 PFDs are US Coast Guard approved. They are inspected regularly by *Seaward* crew and yearly by the Coast Guard. Directions for donning PFDs are posted down below on the vessel. Instructions for use and location of PFDs are discussed by the Captain prior to every voyage. We provide two PFD sizes. Adult PFDs (50 onboard) are available for persons weighing over 90lbs. Child PFDs (35 onboard) are provided for persons weighing 90lbs or less. PFDs are donned upon Captain's orders or passenger's request.

Program Safety Regulations:

Prior to each voyage, participants are notified of potential risks by reading and signing a "Release, Waiver of Liability and Assumption of Risk" form. Minors have this waiver signed by their parent or guardian. At the start of each voyage, the Captain and crew provide a safety orientation to the vessel. This includes pointing out the location and discussing operation of safety equipment, providing information about how to move around the vessel safely, and reviewing the station bill (which lists duties and procedures for man overboard, fire, and abandon ship emergencies). In addition, participants take part in safety drills to provide additional preparedness for man overboard, fire, and abandon ship emergencies. Furthermore, the first element of our sail training involves how to safely handle lines and sails. Boarding and disembarking is done with a sturdy gangway equipped with railings and anti-skid texturing.



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Seaward



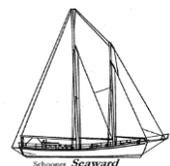
Staffing:

The US Coast Guard requires that, for the overnight sailing programs provided to Camp SEA Lab, *Seaward* be manned with 4 crew: 1 Master with a 100 ton Near Coastal license with sail endorsement, 1 Mate with a 100 ton Near Coastal license with a sail endorsement, and 2 licensed or unlicensed deckhands. Call of the Sea fulfills this requirement and also employs a 5th crew member who is a deckhand/head educator. First-Aid and CPR training is requisite for obtaining Coast Guard certifications. The Captain and Mate fulfill this requirement and are also experienced at assessing the safety of water and weather conditions and identifying potential hazards. Deckhands' experience level varies, but knowledge on these topics is imparted by the Captain and mate on an ongoing basis. All staff participate in safety training which includes reviewing the station bill and performing man overboard, fire, and abandon ship drills led by the Captain.



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