

## Employment Opportunities

Below is a brief description of this position. However, the descriptions should be regarded as outlines for basic responsibilities and the duties of each position and not as parameters for defining a crew's job.

TBC's philosophy is that the entire crew works together as a team to accomplish the task of operating a safe, enjoyable and well-maintained ship. **NO CREWMEMBER IS ABOVE ANY WORK NEEDING TO BE DONE TO MEET THIS OVERALL GOAL.**

All crewmembers are required to be certified in CPR, First Aid, and all necessary STCW requirements for international voyages. All crew are to be trained and drilled in emergency procedures as assigned by their supervisor.

### ENGINEER

The Engineer is responsible for proper installation and maintenance according to design specifications of all ship's systems and machinery, including without limitation:

- \* Main propulsion engines and generators;
- \* All deck equipment such as anchor winches, skiff cranes, etc.;
- \* Skiff systems such as outboard engines and propellers, steering cables, radios, pumps, lights, etc.;
- \* Deck and below-deck lighting, navigating lighting, public address systems, radios, radars, intercoms, televisions, appliances, etc;
- \* Ship's steering system, electrical system, fresh and salt water systems, desalinating system, sewage treatment system, ventilation systems, heating systems, etc.

S/he must keep an accurate log of all engine room operations including a daily log of all repairs and normal maintenance performed. A monthly summary of repairs and maintenance will be required for ship's records.

The Engineer should participate in guest activities whenever his/her schedule allows. At times, when needed, the Engineer will assist the deck crew in the transport of guests to and from activities as well as in the launching and retrieving of skiffs.

S/he will be responsible for keeping the engine room and associated spaces clean and will also give a guided tour of the engine room to all interested guests during the trip.

At the end of the season, The Engineer will inventory all spare parts and will prepare a written list with budget detailing all repairs needed before the following season.

The Engineer reports to the vessel Captain during charter, and to the Vice President directly during winter maintenance periods.

EXAMPLE LIST OF DEMANDS OF THE JOB (NOT EXHAUSTIVE):

1. Engineers must be capable of lifting and moving equipment that may weigh in excess of 100 pounds. It will frequently be necessary to move equipment that is heavy, large, and awkward, sometimes from one level to another, even when ship is underway. Mechanical lifting devices are provided and should be used as necessary. Assistance should be obtained from other members of the crew when appropriate. The Engineer must consider the requirements of a particular job prior to undertaking the task so he can be assured that all necessary equipment or assistance is readily available, scheduled and budgeted for. Engineer understands that TIME IS ALWAYS OF THE ESSENCE.

2. Engineers must be capable of boarding and exiting a vessel without physical assistance by climbing up on down gang plank, Jacob's ladder, dock ladder, or vessel ladder. Must be capable of boarding and entering a skiff from a dock or a vessel without assistance. Must be able to climb or descend one or more sets of steep stairs or vertical ladders both inside and outside the vessel in all weather conditions. The above may have to be accomplished while transporting tools or objects. Must be able to use portable ladders or stools to allow work on systems that are located in the overhead section of machinery spaces.

3. Repairs may require that engineers reach into small, poorly accessible areas of machinery; work on equipment that has pressurized or hot components; secure or segregate systems to provide an adequate safety margin; troubleshoot equipment that is difficult to reach; work in areas that have high noise levels; work below decks in an area that may experience periods of darkness in unusual situations; and work in confined and restricted spaces.

4. The Engineer must have color vision that allows him to safely work on electrical systems that have color coded wires; distinguish between warning, alarm, and normal operating lights; discern system components that are identifiable by color code; and observe basic safety precautions that may be related to color identification.

5. An engineer's hearing must be adequate to ensure his personal safety while working in a machinery space with a high level of background noise and detect changes in operating sounds of machinery. He must be capable of communicating with the captain or other personnel via portable or fixed VHF radio as well as by intercom systems or voice communication.

6. An engineer must possess sufficient physical dexterity to enable him to manipulate small items in restricted spaces or large objects when using mechanical lifting devices.

7. An engineer must be capable of reading well enough to comprehend the various manufacturers instruction manuals which describe preventative and corrective maintenance procedures for the equipment aboard his Vessel. He must also be capable of reading and understanding written directives which may affect his job or emergency assignment.

8. The engineer must be capable of performing assigned emergency duties without undue danger to himself or his vessel.

9. Must be capable of performing the duties listed in the vessel Station Bill.

10. An Engineer must be able to put on a life vest or jacket without assistance.