

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**SENIOR BOAT OPERATOR - 1267**

**DEFINITION:**

Under direction, to supervise and participate in the operation and maintenance of ocean monitoring boats; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Supervises and evaluates subordinate boat operators, and participates in piloting ocean monitoring vessels and performing routine maintenance on boat engines;
- Evaluates maintenance requirements and establishes a preventative maintenance schedule for ocean monitoring vessels;
- Participates in routine maintenance and repairs of onboard equipment including generators, winches and pumps, and various onboard hydraulic, mechanical, and electrical systems;
- Performs minor maintenance and troubleshooting of navigational equipment including a global positioning system, Loran C, fathometer, radar, VHF radio telephone, and compasses;
- Coordinates and oversees major hull or engine overhauls and other required work performed by private contractors in drydock facilities or shipboard dockside;
- Safely operates vessels in coastal waters, bays, and northern Baja California according to established rules and regulations;
- Operates navigational, communication, and computer systems;
- Maintains and monitors all required safety equipment;
- Rigs equipment such as trawl nets, buoys, and special scientific sampling equipment, as required;
- Assists the scientific crew with sampling activities on occasion;
- Maintains related logs and records.

**MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Three years of full-time experience in the maintenance and operation of a 30-foot or larger diesel-powered boat as part of an ocean monitoring program or other scientific ocean sampling program, which must include the operation, maintenance, and repair of diesel engines, generators, winches, and pumps, and the operation and minor maintenance of navigation, communication, and computer equipment.

- \* EXAMPLES OF DUTIES performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.**