### GENERAL DESCRIPTION

Performs highly advanced (senior-level) ferryboat piloting, navigation, or engineering work. Work involves commanding, steering, and providing guidance to crewmembers of a vessel. May supervise the work of others. Works under minimal supervision, with considerable latitude for the use of initiative and independent judgment.

### EXAMPLES OF WORK PERFORMED

**If serving as ferryboat captain:**

Oversees the activities of the deck hands involved in loading, unloading, security, and minor cleaning and maintenance activities.

Coordinates drills and exercises covering emergencies such as fire, collision, man overboard, fog navigation, grounding, bomb threat, and childbirth.

Coordinates daily inspections and reports on the operating condition of all emergency fire-fighting, first aid, and lifesaving equipment on a vessel.

Submits, maintains, and reviews daily activity logs on vessel movement, traffic and passenger statistics, unusual occurrences, or special events.

Navigates and maneuvers vessels in high-density traffic areas and under all weather and sea conditions in accordance with island navigation rules of the road and the rules of good seamanship.

Navigates a vessel in situations involving meetings, crossings, and encounters with other vessels.

Prepares and submits reports related to incidents occurring on a vessel and to ensure compliance with various state and federal laws and regulations.

May provide general direction to a vessel engineer performing engineering watch and maintenance duties.

May coordinate with others regarding marine communications, public relations, and land-to-sea communications.
May supervise the work of others.

Performs related work as assigned.

**If serving as the ferryboat engineering specialist:**

Oversees and trains personnel performing routine repairs, cleaning, and preventative maintenance duties and coordinates basic systems operation and casualty controls.

Oversees routine and major repairs; preventative maintenance; and overhauls of large ferry vessels, landings, docks, facilities, or other equipment at a large marine facility.

Coordinates and conducts the inspection of operational tests of emergency generators; firefighting; dewatering pumps; and other associated equipment, piping, and systems; and operates and secures equipment under emergency conditions.

Coordinates vessel refueling operations and the discharge of wastewater in accordance with safety regulations and in compliance with state and federal laws.

Coordinates dock and sea trials.

Ensures the proper start, operation, and securing of all main propulsion, steering, auxiliary, standby machinery, equipment, and related systems for the operation of vessels under normal and/or emergency conditions.

Ensures that the structural and watertight integrity of a vessel is maintained.

Observes, analyzes, and interprets reports, machinery, and equipment operation trends as they apply to machinery or equipment condition and makes recommendation for repair or corrective action.

Reads and interprets blueprints, sketches, simple electrical diagrams, and piping and mechanical drawings.

Maintains logs on watch activities, operating machinery, and equipment statistics, and maintains machinery history and repair records.

May supervise the work of others.

Performs related work as assigned.
GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in operating, steering, navigating, and/or maintaining boats or ships. Graduation from a standard senior high school or equivalent required. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of relevant equipment, procedures, regulations, and policies that provide for the safe operation of a vessel and safety of passengers and cargo; of the navigation and steering of vessels; of vessel communication systems; of the repair, maintenance, and operation of marine vessels; and of fire and safety regulations.

Skill in the operation and control of equipment and vessels, in the monitoring of instrumentation and gauges, in docking a vessel, in passenger embarking and debarking procedures, and in determining the appropriate course of action when dealing with complex problems.

Ability to interpret charts and maps; to make adjustments when steering; to oversee the proper methods, techniques, and procedures used in the maintenance and repair of marine vessels and related equipment; to address safety and security issues; to communicate effectively; and to supervise the work of others.

REGISTRATION, CERTIFICATION, OR LICENSURE

May require specific U.S. Coast Guard certifications and/or document(s) appropriate for the vessel(s) being operated. Must have or be able to obtain transportation worker identification credentials.