

# **SCOPE OF RESERVE WARRANT SPECIALTIES**

References: (1) Article 1.D.13. CGPERSMAN

(2) COMDT COGARD Washington DC 121242Z Oct 07/ALCOAST 481/07

## **Boatswain Specialty (BOSN)**

At sea, warrant officers serving in the specialty of boatswain are specialists in seamanship. They serve as officers in charge of small vessels, as division and repair party officers, assistant first lieutenants, and as battery officers on small ships. They plan and supervise the preservation of ships' hulls, superstructures and spaces; maintenance, repair, and operation of deck, cargo and buoy handling, anchor, and mooring gear; stowage of cargo; maintenance, repair, operation and equipping of small boats; replenishment operations at sea; stowing, security, preservation, accounting and requisitioning of stores and equipment for the first lieutenant.

Ashore, warrant officers serving in the specialty of boatswain are general duty specialists in seamanship specialists in operational commands. They serve as officers in charge of small units; as executive officers of group commands, depots and bases; as first lieutenant, boats and vehicles officer, and yard boatswain and security officer at larger units.

Both at sea and ashore, warrant officers serving in the specialty of boatswain develop and supervise training programs; prepare, maintain and submit personnel, material and operational records, reports, and accounts.

## **Electronics Specialty (ELC)**

Warrant officers serving in the specialty of electronics are technical specialists in the field of ship and shore, electronic equipment. Electronic equipment is defined as any equipment which transmits or receives intelligence by electrical or electromagnetic means (including landline and sonar equipment). They serve as officers in charge of electronics repair shops and as assistants to electronics officers; instructors in theory and repair of electronic equipment; and as command and staff officers concerning inspections, uses, capabilities, limitations, and reliability of electronic systems and equipment. They plan, direct, and supervise practices and procedures for maintenance and repair of electronic equipment; analyze, solve, and correct electronic operational and maintenance problems; and prepare, maintain, and submit personnel and material records, reports, and accounts.

## **Naval Engineering Specialty (ENG)**

Warrant officers serving in the specialty of naval engineering are operational and technical specialists in the field of engineering and in machinery repair. They serve as engineering officers on smaller vessels and as assistants to engineering officers on larger vessels. They also serve as machinery repair officers and as technical advisers capabilities, limitations, and reliability of engineering equipment. They supervise handling, stowage, and expenditure of fuel oil, boiler, feed water, and potable water; direct and supervise installations; operation, testing, maintenance, and repair of

engineering equipment; develop and supervise training programs; prepare, maintain, and submit engineering department personnel and material records and reports; and supervise procurement, stowage, preservation, and accounting practices for engineering department stores and repair parts. They shall be proficient in damage control, rigging, first aid, maintenance, and operation of gyrocompasses. They also serve on engineering duty under Industrial Section at Coast Guard bases, and at Naval Engineering Support Units (NESUs).

### **Finance and Supply Specialty (F&S)**

Warrant officers serving in the specialty of finance and supply organize, plan, and supervise the work of personnel engaged in procurement, stowage, and issue of supplies, including personnel engaged in commissary departments and disbursing offices. They supervise and direct personnel in the performance of duties including preparation of estimates of requirements, inventories of supplies and equipment, the audit of records, computation of pay, preparation of vouchers, and allocation of materials. They disburse public funds as assistant disbursing officers, agent cashiers, and imprest fund cashiers. They develop and supervise training programs, maintain and submit personnel and material records, reports, and accounts. Appointments to the warrant specialty of finance and supply may be subject to certification for finance and supply duties by Commandant (CG-85) or Commandant (CG-83).

### **Criminal Investigator (INV)**

Warrant officers serving in the specialty of Criminal Investigator (INV) will be in highly visible billets with significant interaction with numerous Coast Guard commands, federal, state, local, and international law enforcement, and intelligence agencies. They are operational specialists in criminal investigations, protective service operations, operational intelligence collection, and technical specialists in the use of related law enforcement and operational intelligence collection equipment. They may serve in supervisory positions at the Resident Agent and Regional Office levels of the Coast Guard Investigative Service (CGIS), supervising subordinates in the conduct of criminal investigations, operational intelligence collection, protective service operations, and law enforcement liaison and task force assignments. They conduct, direct, and supervise criminal investigations, protective service operations, and operational intelligence collection; process crime scenes; collect, process, and preserve physical evidence; serve as subject matter experts regarding violations of the UCMJ and federal statutes applicable to the U.S. Coast Guard; testify in civilian and military court; prepare, submit, and maintain criminal investigative and operational intelligence reports; supervise training programs; and prepare, maintain, and submit personnel and operational records and accounts. Many will function in a role with their assigned unit similar to the role of an executive officer of other Coast Guard operational units. Candidates must possess in-depth knowledge and skills associated with the federal criminal justice system, military justice system, police sciences, criminal justice administration, intelligence operations, Coast Guard supply, administration, and personnel matters, as well as knowledge of military protocol at public and ceremonial affairs as part of Protective Service Operations. Refer to Article 1.D.15 Personnel Manual, COMDTINST M1000.6 (series) for qualifications for appointment.

### **Information Systems Management (ISM)**

Warrant Officers serving in the specialty of information systems management are technical specialists in all areas of information systems. They serve in command, control, and communication, computer and information technology (C4IT) positions at headquarter and a variety of other shore units. They are instrumental in the development and supervision of information systems and the enforcement of all information security policy and computer system requirements. Some of the specific areas of responsibility include hardware development, modification, and implementation of application servers, software releases, network hardware (routers, switches, local and wide area networks, etc.), and organizational information systems standardization, LANS, WANS and encryption devices. They also organize and supervise personnel working in information systems areas including information systems server system management, exchange server management, network management, telephony system management, information assurance, systems security, and general system support and administration.

### **Intelligence Systems Specialist (ISS)**

Refer to COMDT COGARD Washington DC 271925Z Nov 06/ALCOAST 559/06

### **Material Maintenance Specialty (MAT)**

Warrant officers serving in the specialty of materiel maintenance are operational and technical specialists in the fields of repair, maintenance, damage control and fire fighting aboard ship and at shore units. They serve as assistants to engineering and repair officers, as shop superintendents and technical advisors concerning uses, capabilities, limitations, and reliability of ship repair, fire fighting and damage control equipment, and as officer in charge of maintenance and repair detachments ashore. They organize and supervise personnel in ship repair and maintenance activities including electric arc welding, oxyacetylene welding and cutting, woodworking, metal working, boat repairs, damage control, piping and drainage, and NBC warfare defense facilities. They provide technical advice and information concerning use, characteristics, and limitations of building and construction materials; organize and supervise maintenance and repair forces on work involving repairs to buildings, towers, docks, bulkheads, street paving, pipelines including water and sewer lines. They develop and supervise training programs; supervise preparation, maintenance, and submission of personnel and material records and reports; and supervise procurement, stowage, preservation, and utilization practices for repair parts, building materials, and equipment.

### **Medical Administration Specialty (MED)**

Warrant officers serving in the specialty of medical administration will administer nonprofessional aspects of medical and dental facilities ashore and afloat; manage administrative functions such as fiscal and supply, personnel, records and other related medical matters; promote and manage environmental sanitation programs; administer and serve as instructors in medical training programs; perform medical service planning and logistic duties; serve as assistants to inspectors in reviewing administrative organization and operations of medical and dental facilities.

In the absence of the medical officer and only because of the unavailability of such an officer, they shall carry out the functions of the medical facility insofar as they are qualified to do. They shall not be required to undertake or assume the professional duties or responsibilities of a medical or a dental officer.

### **Marine Safety Specialist Deck (MSSD)**

MSSDs serve in roles including, but not limited to, pollution mitigation, waterways management, contingency planning, pollution investigation, Captain of the Port (COTP) representation, Federal On-Scene Coordinator (FOSC) representation and Federal Maritime Security Coordinator (FMSC) representation. They conduct and supervise personnel in safety and security inspections, casualty investigations, pollution incident preparation, abatement and mitigation. MSSDs conduct commercial vessel inspections/examinations (marine inspector) and casualty investigations (investigating officer). MSSDs inspect the following: lifesaving equipment, firefighting equipment, bridge and navigational equipment, anchor windlasses and other ground tackle, habitability, watertight integrity, structural fire protection, etc. MSSDs also conduct inspections and casualty investigations of main propulsion equipment (gasoline, diesel, boiler, and gas turbine) and auxiliary machinery (ships service and emergency generators, steering gear, evaporators, air compressors and receivers, bilge systems, fire alarms and smoke detection systems, fuel oil handling system, cargo transfer systems, oily water separators, all vessel electrical systems, life boat launching equipment, etc.). Marine inspectors conduct examinations of vessels in dry dock to inspect welding repairs, wood and fiberglass boat repairs, rudder assemblies, propeller and tail shaft examinations, bow/stern thrusters, sea chests, sea valves, etc. They review vessel construction plans to ensure new vessel construction and existing vessel repairs are completed in accordance with approved plans, applicable regulations, and accepted industry standards. MSSDs perform regulatory oversight of complex federal laws, regulations, and treaties. These activities are performed on domestic and foreign small passenger vessels, deep draft freight/tank vessels, mobile offshore drilling units, offshore supply vessels, and oil and chemical/gas barges. In the performance of these duties, they interface with a broad array of private and public local/state/federal/international members at all levels of the marine industry.

### **Marine Safety Specialist Engineering (MSSE)**

MSSEs are called upon to be the subject matter experts for engineering systems. They provide the core technical expertise for marine safety and the engineering mentorship for other non-technical members in the program. MSSEs serving in the marine safety field are engineering specialists whose primary focus is commercial vessel inspections/examinations (marine inspector) and casualty investigations (investigating officer). This focus relies heavily on engineering/technical backgrounds for the inspection and casualty investigation of main propulsion equipment (gasoline, diesel, boiler, and gas turbine) and auxiliary machinery (ships service and emergency generators, steering gear, evaporators, air compressors and receivers, bilge systems, fire alarms and smoke detection systems, fuel oil handling system, cargo transfer systems, oily water separators, all vessel electrical systems, life boat launching equipment, etc.). MSSEs review vessel construction plans to ensure new vessel

construction and existing vessel repairs are completed in accordance with approved plans, applicable regulations, and accepted industry standards. MSSEs conduct examinations of vessels in dry dock to inspect welding repairs, wood and fiberglass boat repairs, rudder assemblies, propeller and tail shaft examinations, bow/stern thrusters, sea chests, sea valves, etc. MSSEs also inspect the following: lifesaving equipment, firefighting equipment, bridge and navigational equipment, anchor windlasses and other ground tackle, habitability, watertight integrity, structural fire protection, etc. They perform regulatory oversight of complex federal laws, regulations, and treaties. These activities are performed on domestic and foreign small passenger vessels, deep draft freight/tank vessels, mobile offshore drilling units, offshore supply vessels, and oil and chemical/gas barges. In the performance of these duties they interface with a broad array of private and public (local/state/federal/international) members at all levels of the marine industry.

### **Operations Systems Specialist (OSS)**

Warrant officers serving in the specialty of operations systems specialists are operational and technical specialists in the fields of security, surface operations and C3I systems. They serve as command security officers, and assistant operations officers; are expert in the C3I systems capabilities, limitations and reliability. They organize and supervise personnel in sector command centers and provide technical advice and information concerning physical and personnel security practices. They also advise commands on the proper methods of maintaining the Coast Guard's common operating picture.

### **Personnel Administration Specialty (PERS)**

Warrant officers serving in the specialty of personnel administration are specialists in general and personnel administration. They serve as personnel, education, and classification officers. They provide technical advice and information concerning officer and enlisted personnel regulations and administration. They organize and supervise personnel engaged in preparing and processing correspondence and personnel records, reports, and accounts; develop and supervise training programs; and administer recreational, travel, and procurement funds and allocation of officer materials and equipment. In order to qualify for Merchant Marine Safety duties, personnel selected for initial assignment thereto will receive special additional training.

### **Port Safety and Security Specialty (PSS) (RESERVE ONLY)**

Warrant officers serving in the specialty of port safety and security are specialists in port safety, maritime security/anti-terrorism, enforcement of maritime laws and regulations and investigative methods. They serve as team leaders and supervisors at small units and detachments. At MSOs and staff positions, they serve as subject matter experts for dealing with port physical security, security inspections, marine environmental concerns, investigations, anti/counter terrorism, and maritime law enforcement. They can be designated as the Port Security Officer for "M" units. In all assignments, they develop and supervise training programs; and prepare, maintain, and submit personnel and operational records and accounts.

### **Weapons Specialty (WEPS)**

Warrant officers serving in the specialty of weapons are operational and technical specialists in gunnery and ordnance. They act as assistant gunnery and ordnance repair officers; direct and supervise assembly, installation, operation, testing, maintenance, and repair of ordnance equipment; supervise testing, handling, stowage, preservation, requisitioning, issuing, and accounting practices and procedures for all ammunition and ammunition components; supervise stowage, preservation, security, requisitioning, and accounting practices and procedures for all ordnance equipment and repair parts; develop and supervise training programs; prepare, maintain, and submit ordnance, personnel, material, and operational records, reports, and accounts.