

RADIO OPERATOR/MAINTAINER

RAPIDS: 0952D

O*NET/SOC: 27-4013.00

REVISION DATE: 09/2019

TRADE DESCRIPTION: Receive and transmit communications using radiotelephone equipment in accordance with government regulations. May repair equipment.

TASK PERFORMANCE: Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

Applicable Ratings/MOS/NEC

USMC MOS: 0621, 0623, 0627, 0629

USCG: OS

USN: CTR, IT, ITS

USA MOS: 140A, 25C, 25Q, 29E, 948B

Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 288 or more hours.

Additional Requirement:

None

Total Hours: **4000**

Skill	Description	Hours
A	REGULATIONS Review applicable regulations regarding radio communications, and report violations.	250

B	GENERAL ADMINISTRATION Maintain station logs of messages transmitted and received for activities such as flight-testing and fire locations.	500
C	SYSTEM SET-UP -- Turn controls or throw switches to activate power, adjust voice volume and modulation, and set transmitters on specified frequencies. -- Examine and operate new equipment prior to installation to ensure that it performs properly.	500
D	ROUTINE OPERATIONS -- Communicate with receiving operators to exchange transmission instructions. -- Send, receive, and interpret coded messages. -- Operate radio equipment to communicate with ships, aircraft, mining crews, offshore oil rigs, logging camps and other remote operations. -- Operate sound-recording equipment to record signals and preserve broadcasts for purposes such as analysis by intelligence personnel. -- Broadcast weather reports and warnings. -- Monitor emergency frequencies to detect distress calls and respond by dispatching emergency equipment. -- Coordinate radio-related aspects of locating and contacting airplanes and ships that are missing or in distress. -- Determine and obtain bearings of sources from which signals originate, using direction-finding procedures and equipment.	2000
E	SYSTEM TEST/EVALUATION Conduct periodic equipment inspections and routine tests to ensure that operations standards are met.	500
F	REPAIR Repair radio equipment as necessary, using electronic testing equipment, hand tools, and power tools.	250