CLALLAM COUNTY ARES COM-T DUTIES

The COMT assists the EC with the design, ordering, operation and ongoing maintenance of amateur radio incident communications system.

- Provides technical support for EOC, ECCs, AECs, EC to support communications across Clallam County, adjoining counties and British Columbia.

- Responsible for the installation and maintenance of Data Communication systems including the computers, software, and interfacing equipment used to communicate in support of the ARES mission. Researches and makes recommendations to improve existing data systems; makes recommendations for upgrades to hardware and newer technologies.

- Supports voice communications including but not limited to SSB, simplex and duplex FM, and VOIP. Oversees the installation and maintenance of voice systems, makes recommendations for equipment upgrades and improvements. In conjunction with AEC's, periodically tests components of communications equipment to ensure are operational. This includes but is not limited to repeaters, SSB and FM voice equipment, and MESH systems.

- Supports VHF and UHF repeaters and crossband repeaters, fixed and portable. Coordinates the installation and maintenance of systems, makes recommendations for upgrades and improvements.

- Oversees antenna installation and maintenance. Performs research on upgrades and technology improvements and makes recommendations to enhance current and future requirements.

- Works with AECs and other assigned personnel to inspect cables, wires, coax and assorted power and communications distribution networks.

- Works with AECs to maintain AC and DC power services, batteries, back-up power systems, solar systems and generators for fixed and portable communications.

- Oversees the installation of computer hardware in ECCs, the EOC, the EmComm Trailer, providing maintenance and upgrade recommendations Hot Spots, Wi-Fi and Ham Wan connectivity.

- Provides guidance on the installation and upgrade of ARES related software and Windows operating system. Makes recommendations for upgrades and new software to improve communications efficiency.

- Is the CCARES Safety Officer for portable and remote operations. Communicates potential hazardous or inappropriate work situations. Ensures that relevant precautions are taken, and work and safety guidelines are followed. In addition, COM-T oversees public safety systems where ARES operations and equipment are in contact with the public and non-ARES personnel.

- Works with AECs and County EMD to review inventories and provide recommendations to upgrade hardware and to enhance communications across the County. COMT also supports accountability of assigned communications equipment.

- Assists the COM-L with the design, ordering, installation, operation, and ongoing maintenance of incident communications systems.

- Makes Go-kit hardware, antenna, power, antenna and safety recommendations for the EmComm Trailer, ECC packages, and for individual members.

- Performs operational tests of communications systems throughout duration of incidents and exercises. Accomplishes minor field repair whenever possible. Maintains plan for ECC battery replacement.

- Creates a consolidated equipment and software and facilities wish list for the county ARES, vets and prioritizes the lists for presentation to the County EMD via the EC. Place orders for replacement of equipment.

- Assists Communications Unit Leader (COM-L) in designing communications system to meet incident operational needs. Determine resource needs. Prepare and/or order necessary equipment and personnel. Order additional communications vendor services and associated costs (e.g., telephone, satcom, microwave). Identify locations for equipment to be installed (e.g., repeaters, telephone lines)

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