

**EMERGENCY SUPPORT FUNCTION - TWO**  
**COMMUNICATIONS, INFORMATION SYSTEMS AND WARNING**

**PRIMARY AGENCIES:** RiverCom Communications Center  
Chelan County Emergency Management

**SUPPORT AGENCIES:** KPQ - AM radio (Primary EAS Station)  
Chelan-Douglas R.A.C.E.S./A.R.E.S.

May need to be advised: NOAA National Weather Service  
Local Radio Stations  
Verizon  
Wireless Telephone Services  
Fire Services  
Law Enforcement  
North Central EMS and Trauma Care  
Public Works Departments  
Chelan County IT  
American Red Cross

**INTRODUCTION**

A. Purpose

1. To provide guidance for rapid alerting and warning to key city and county officials and the general public regarding an impending or occurring emergency or disaster.
2. To provide guidance for organizing, establishing, and maintaining telecommunication capabilities necessary to meet the operational requirements of the county in responding to, and recovering from, emergencies and disasters.

B. Scope

This ESF and the two appendices describe the actions to be taken to establish and maintain telecommunications and warning coordination for local jurisdictions and to provide agency support in preparation for, response to, and recovery from an emergency or disaster which affects the local population and the operation of local government. This ESF and appendices also address coordination with state government and agencies when additional telecommunications are requested through the State of WA EM/EOC.

**POLICIES**

- A. This plan will govern Chelan County telecommunications and warning activities related to mitigating, preparing for, responding to, and recovering from emergencies or disasters.
- B. Communications support requirements which cannot be met at the local level, will be forwarded to the State EOC for assistance. If needed, federal assistance may be requested.
- C. The Chelan County CEMP (communications) should complement state plans and systems should be interoperable with the state system when and where feasible.
- D. The Chelan County R.A.C.E.S. officer shall coordinate all amateur radio activities.

**SITUATION**

- A. Emergency/Disaster Conditions
  - 1. Chelan County is vulnerable to a variety of emergency or disaster events requiring dissemination of warning and/or other emergency information to county and city officials and the general public. Emergency or disaster warnings may originate from any level of government as well as other sources. Most forecasting resources are located with the federal government. This may include but is not limited to watches and warnings for: floods, severe weather, volcanic eruptions, fixed nuclear facility incidents and hazardous materials incidents.
  - 2. The sudden and unexpected nature of a catastrophic event will result in numerous requests from many agencies and all levels of government for services required to save lives, protect property, and preserve the environment.
  - 3. The Chelan County EM/EOC staff, city and county government, and all emergency and support agencies will have a critical need for accurate and timely information on which to base decisions and focus response actions. Widespread damage to commercial telecommunications' facilities is possible. At a time when the need for real-time, electronically processed information is greatest, the capability to produce it may be restricted or non-existent. All available telecommunication assets of the various agencies and local government will be needed immediately to assure proper response to the needs of the victims.
- B. Planning Assumptions
  - 1. Responding agencies have their own communications equipment.
  - 2. The public safety answering points (dispatch centers) have back up power sources that are capable of approximately two weeks of operation.

3. There is communication coverage for the entire county through a system of repeaters and base stations.
4. There are identified frequencies that will be used for primary direction and control.
5. Jurisdictions and agencies within the county will focus on coordinating lifesaving activities concurrent with re-establishing control of the affected area. Jurisdictions, agencies, and the county in conjunction with the telecommunications industry will accomplish as much restoration and reconstruction of communications capabilities as resources and the situation permits. The county may be able to get additional assistance for restoration of communication systems when requested through WA State EMD.
6. Initial reports of damage will be fragmented, providing an incomplete picture of the extent of damage to communication systems and facilities.
7. Weather and other factors may impair the ability to deploy mobile or transportable telecommunication equipment into the affected area.
8. Conditions following the event will require careful consideration of areas or sites that may require communications support, such as staging areas, police and fire stations, water treatment facilities, shelters, alternate EOC locations, short and long term health care facilities, schools and daycare facilities, communication points for communities without telephone service and other critical areas.

## **CONCEPT OF OPERATIONS**

### **A. General**

1. Reliable communication capabilities are necessary for day-to-day communications, warning of impending events, response and recovery operations, search and rescue operations, and coordination with other county, state, and public safety agencies. These capabilities must be available at the primary and alternate EOC facilities or other locations selected because of existing conditions.
2. Emergency communication between the Chelan County EOC and state or federal agencies will be through the State of WA EMD communications facility.
3. In a major disaster situation, the Chelan County Emergency Operations Center has a 24 hour emergency alerting and communications capability for contacting response personnel at the various local, state and federal levels of government. Communications resources and their backup capabilities include two way public agency radio networks, MyStateUSA paging, ACCESS, National Warning Alert System and commercial telephone services. The EOC is equipped with VoIP telephones and many of the EOC staff carry government issued cellular

phones. The EOC also has a cache of GETS cards available for use in the event of an overload on the telephone system. The GETS cards will give EOC personnel priority on the overworked telephone system. The EOC is set up with a Wireless Access Point for computer use as well as data connection lines. Chelan County is also set up with the State of WA EMD for use of the WEB EOC system for incident tracking. E-mail is run through the Chelan County IT system. The Emergency Operations Center located at the Emergency Management Building, is designated as the primary Emergency Operations Center (EOC) for Chelan County in the event of a major incident.

4. Public Safety Answering Points (PSAP-for Chelan County is RiverCom) may serve as an alternate Emergency Operating Center. RiverCom contains two-way radio equipment as well as telephones, EAS and NAWAS. RiverCom is also backed up by emergency power generation with a 14 day capability. These generators are tested regularly.
5. During localized emergency situations, a mobile Command Post may be utilized to establish communications from agencies involved at the scene. In more extreme circumstances, the mobile Command Post may also be used to link field units with the decision makers stationed at the Emergency Operations Center.
6. In the event of a major emergency or disaster occurring in the Chelan County area, effective use of the existing public safety and other government agencies communications resources is the first priority for support of emergency operations.
7. The development and upgrading of the area-wide primary and alternate emergency communications centers and overall systems will be conducted to the greatest extent possible.
8. The local Emergency Alerting System (EAS) primary station is KPQ AM (560 am). KPQ coordinates with all other local radio stations to keep the EAS up to date and workable. Activation will follow the Emergency Alerting System (EAS) plan. EAS Stations include:

KPQ	560 AM
The Quake (primary EAS)	102.1 FM
KWNC	1370 AM
KWWX (Spanish)	1340 AM
KWLN (Spanish)	103.3 FM
KWLN (Spanish)	92.1 FM
KYSN	97.7 FM
KZPH	106.7 FM
KAAP	99.5 FM
KWWW	1340 AM
KKRV	104.7 FM
KKRT/ KWIQ	900/1020 AM
KWIQ	100.3 FM

## KWLN

103.3/92.8 FM

9. In times of emergency, Amateur Radio Services' volunteers may provide an additional local or state-wide communications network from their individual base and/ or mobile stations. The Radio Operators can provide two way VHF, UHF and HF backup and auxiliary radio communications for first responders, hospitals, the EOC, other emergency and support agencies as well as shelters. A.R.E.S./R.A.C.E.S volunteers can provide communications services for extended care facilities, "at-risk" populations, and communication points for the public. These resources are deployed upon request of the agency or facility needing communication support and are coordinated with Chelan County EM/EOC. All hospitals in Chelan County have access to an amateur radio in their facility. This local capability provides an extra backup communication system at the Chelan County Emergency Operations Center if required.
10. Wireless telephone communications (cellular) systems can supply additional communications needs, as appropriate.
11. In the event a situation causes an outage of the 9-1-1 communications center, back-up communications and 9-1-1 center activities will be accomplished by farming out calls to other 911 centers and emergency facilities.
12. Washington Comprehensive Emergency Management Network (CEMNET)
  - a. State of WA EMD operates a statewide, very high frequency (VHF) low-band radio system as a primary backup communication link between the WA State EOC and local EOCs throughout the state. CEMNET is located in the Emergency Management Office.
  - b. CEMNET also serves as a link to:
    - (1) WA State Dept. of Ecology
    - (2) WA State Dept. of Health
    - (3) University of WA Seismology Lab
    - (4) National Weather Service
    - (5) Harborview Medical Center
  - c. WA EMD monitors the network on a 24 hr. basis for both routine and emergency traffic and responds accordingly.
  - d. CEMNET is tested weekly by WA EMD.
13. The Chelan County EOC has access to a cache of two-way hand held radios that are programmed with all county frequencies as well as many of the neighboring counties' frequencies. The radios also contain the common state frequencies and some federal (mainly US Forest Service) frequencies.
  - a. OSCCR Primarily used by public safety agencies, "on-scene" at an event/incident for command and coordination of

- activities between agencies. OSCCR can only be employed in the simplex mode via mobile and/or handheld equipment.
- b. SAR Primarily used by Search and Rescue organizations for coordinating operations between SAR units. Can only be employed in the simplex mode, via mobile and/or handheld equipment.
  - c. REDNET Primarily used by fire departments and districts for on-scene fire operations.
  - d. NLEEC Primarily used by law enforcement agencies for mutual operations. Also used by EMD for activation of the Emergency Alert System (EAS) relay network. This frequency is not currently in the pre-programmed Chelan County portable radios.
  - e. HEAR Primarily used by ambulance services for administrative communications with hospitals.
14. National Oceanic and Atmospheric Administration (NOAA) weather advisories, watches, and warnings are transmitted over the ACCESS (A Central Computerized Enforcement Service System) system to RiverCom and are also sent out over the MyStateUSA paging system.
15. The Emergency Alert (EAS) System may be activated by contacting RiverCom or WA EMD. The EAS System may be utilized when lives are threatened and the warning put over EAS could save lives.
16. Chelan County Emergency Management has access to a Satellite Telephone. Use of this phone inside the EM/EOC building has not been proven reliable, but a strong satellite signal can usually be obtained in the front driveway area of the Emergency Management building.
17. Chelan County Emergency Management has a Communications Van that can be used as a mobile Command Post or a back up to RiverCom. The van is a four wheel drive and can be deployed to almost anywhere in the county. Emergency Management also has a portable repeater system that can be utilized in some of the areas that have poor radio reception, or where a repeater has been damaged.

## B. Organization

RiverCom provides communications coverage over the entire Chelan County area. They act as the central receiving point for warning information and have the ability to disseminate information out to support agencies. RiverCom is able to activate the Emergency Alert System upon notification from Emergency Management.

In addition to the communications ability by RiverCom, Chelan County Emergency Management may be able to provide immediate communication capabilities by utilizing their Communications Van or

portable repeater/radio setup. In addition, based on the situation, Emergency Management may choose to ask WA EMD to activate the EAS, rather than going through RiverCom.

In the event of an emergency or disaster, a secondary communications system will be set up, by use of amateur radio operators, between the EOC, Red Cross, command post and shelters. The local amateur radio operators have the ability to set up field communications to support public safety operations, as appropriate.

#### C. Procedures

Upon receipt of warning information the receiving agency will ensure that the information is disseminated to the necessary primary and support agencies. All warnings and emergency information and actions taken will be documented. This includes the text of the message; where the message originated from; agencies messages were sent to; and the appropriate times and dates.

In the event the amateur radio operators are needed, the Department of Emergency Management will activate them by contact with the R.A.C.E.S. officer or designee.

#### D. Mitigation Activities

1. Chelan County EM encourages and promotes mutual aid and cooperation between local jurisdictions and agencies. Additionally A.R.E.S./R.A.C.E.S. members, Search and Rescue volunteers, and others are registered with the county as Emergency Workers. These organizations are encouraged to participate in a variety of community activities and training missions to test equipment, identify areas needing improvement or specialized support, and develop and evaluate operational procedures.
2. All agencies will:
  - a. Test all communications and warning equipment to ensure workability of the equipment.
  - b. Develop and maintain back-up systems, including back-up power ability.
  - c. Attempt to construct / place new equipment away from possible hazards.
  - d. Will protect communications and warning equipment from Electro Magnetic Pulse (EMP) to the extent practical.

#### E. Preparedness Activities

1. See Appendix A - Telecommunications
2. See Appendix B – Warning

- F. Response Activities
  - 1. See Appendix A - Telecommunications
  - 2. See Appendix B – Warning
  
- G. Recovery Activities
  - 1. All agencies will:
    - a. Continue to utilize primary and alternate communication and warning systems to coordinate recovery activities. The PIO will continue to be responsible for the coordination and dissemination of recovery information, such as when it is safe for people to return to their homes and businesses.
    - b. All agencies and departments will return to normal operations when no longer needed, or when normal systems and facilities are restored. Demobilization of communication and warning resources will be coordinated through the Chelan County EOC.
    - c. Check communication equipment and make necessary repairs. Provide information about damages field units observe to the EOC or other established point of contact with Emergency Management.
    - d. Involved agencies and departments will assist the EMD in preparing after-action reports regarding telecommunications and warning.

## **RESPONSIBILITIES**

- A. Primary Agencies
  - 1. Chelan County Emergency Management is responsible for:
    - a. Preparing, revising, and implementing current communications plans, in accordance with county, state and federal criteria.
    - b. Providing a 24 hours a day, two way radio communications center (Chelan County Emergency Operations Center and mobile communications van) from which communications personnel can effectively operate.
    - c. Coordinating with local amateur radio operators, who will establish a secondary communications network to support communication needs between shelters, Red Cross operations and others, as appropriate according to the local R.A.C.E.S. plan.
    - e. Periodically testing the communications system by test and exercises.
  - 2. RiverCom is responsible for:
    - a. Maintaining an inventory of existing radio frequencies and other communications resources available for local emergencies.

- b. Maintaining liaison with other agencies to insure upgraded communications capabilities are compatible with county-wide communications systems.
  - c. Ensuring that all personnel within their jurisdiction / agency, including regulars, reserves or auxiliaries, are trained in radio operation and procedures.
  - d. Ensuring that their agency will support emergency operations, as appropriate.
  - e. Keeping their Suggested Operator Procedures regarding communications operations current and their personnel trained.
  - f. Inventorying their communications equipment and capabilities and providing the inventory list to Emergency Management.
- B. Support Agencies
- 1. KPQ Radio responsibilities:
    - a. Is the primary EAS station and will coordinate with other participating stations on EAS / EBS matters and planning.
    - b. Will assure that staff is trained in EAS / EBS procedures.
  - 2. In an actual emergency, local Chelan County governmental agencies, public safety agencies and amateur radio services are responsible for the following:
    - a. Establishing liaison with the Emergency Management Staff upon their notification for an emergency response.
    - b. Controlling their own communications systems during major emergencies or disasters from either their normal work site, the mobile Command Post or the Chelan County Emergency Operations Center, as the situation demands.
    - c. Having Standard Operating Procedures in place to accomplish their tasks.

## **RESOURCE REQUIREMENTS**

- A. Local jurisdictions, agencies and service organizations should identify and develop their resources, including trained personnel, primary and back up equipment, and back up power options. When necessary, the required personnel and equipment can be made available to fulfill the roles and responsibilities identified in this ESF. As a minimum, all agencies, jurisdictions and organizations should expect to sustain operations for 72 hours and have other resources programmed for use up to 14 days.

## **REFERENCES**

- A. Revised Code of WA (RCW) 38.52
- B. FEMA Manual 1550.2 March 30, 2001, National Warning System (NAWAS)

- C. FCC Rules and Regulations Part 97 Amateur Radio Service, Subpart E (regarding emergency communications)
- D. WAC 480.120.520 (regarding telecommunications providers – major outages and service interruptions)
- E. Chelan County CEMP ESF 5 – Emergency Management
- F. Chelan County CEMP ESF 15 – Public Affairs

**APPENDICES**

- A. Appendix A -- Telecommunication
- B. Appendix B – Warning
- C. Appendix C – Technical Data – Common Frequencies

## **EMERGENCY SUPPORT FUNCTION TWO** **COMMUNICATIONS, INFORMATION SYSTEMS, AND WARNING**

### **APPENDIX A** **TELECOMMUNICATIONS**

#### **INTRODUCTION**

To organize, establish, and maintain the communications capabilities necessary to meet the operational requirements of jurisdictions and agencies in responding to and recovering from emergencies and disasters.

#### **CONCEPT OF OPERATIONS**

##### **A. General**

1. Routine modes of communications that remain operational will continue to be used after an emergency or disaster to the extent that they are operational.
2. The two way radios in the Chelan County cache have been programmed and have a common radio channel line up.
3. Local jurisdictions may utilize commercial communication systems as well as local government systems, which include use of mutual aid channels such as On-Scene Control and Coordination Radio (OSCCR). Local jurisdictions may request assistance through the Chelan County EOC when necessary.
4. The Chelan County EOC will coordinate the identification, acquisition, prioritization, and deployment of telecommunications assets as appropriate to assure continuity and consistency of county response actions.
5. When an event occurs, the following actions will be initiated:
  - a. There will be an increased need for coordination and prioritization of communication within local jurisdictions such as EMS, fire, law enforcement and public works.
  - b. Activation of the Chelan County EOC and communication systems will occur as needed, utilizing available resources. If available, one or more of these networks should be utilized in addition to primary voice telephone capability to establish both primary and backup communication between Chelan County EOC and the WA State EMD/EOC. Additional communication resources and networks that may be available for communication between Chelan County and WA State include the fax machine, modems, and cell phones. The following radio systems are available:
    - (1) CEMNET 45.48 MHz
    - (2) Refer to Appendix C for R.A.C.E.S. frequencies
    - (3) NAWAS voice circuit

- (4) ACCESS (teletype) Address OLYEM – this is accessed through the Spillman CAD system
    - c. A variety of communication capabilities are available within the county in addition to normal operational resources, including:
      - (1) OSCCR (on scene communications only)
      - (2) HEAR
      - (3) LERN
      - (4) State Search and Rescue
- B. Preparedness Activities
  - 1. Chelan County Emergency Management
    - a. Coordinate with appropriate departments and agencies within the county to ensure those with communications capability have appropriate plans and procedures to support their assigned emergency mission.
    - b. Participate in tests and exercises of the county's communications capabilities such as the weekly CEMNET test.
  - 2. Support Agencies/Departments/Jurisdictions
    - a. Develop and maintain an inventory of communication capabilities and resources, noting availability and response criteria, and noting any deficiencies or limitations in respect to supporting this ESF. This information is to be shared with Chelan County Emergency Management.
    - b. Develop and maintain appropriate Standard Operating Procedures (SOP) in support of their mission and in support of this ESF. Train personnel to that standard.
- C. Response Activities
  - 1. CEMNET will be used to communicate with the State of WA EMD
  - 2. Upon activation of the Chelan County EOC for an emergency or disaster, Chelan County EM/EOC will perform the following:
    - a. Request communications support as needed.
    - b. Notify local R.A.C.E.S. Coordinator.
    - c. Notify WA EMD and establish primary and back up communications with them.
    - d. Establish communications with local agencies and departments, and ensure all agencies with communications capabilities and responsibilities are advised of conditions, and are taking appropriate actions such as verifying current status of resources and personnel.
    - e. Determine overall operational status of communications resources, provide coordination, maintain priorities for handling of messages and communications traffic within the Chelan County EOC and between the EOC and field

operations. Establish communications with adjacent counties, if necessary.

- f. Coordinate specific locations where back-up or support communications need to be established, such as hospitals, medical clinics, nursing homes, group homes, schools, daycare facilities, communities without phone service, response agencies, etc.

## **EMERGENCY SUPPORT FUNCTION TWO** **COMMUNICATIONS, INFORMATION SYSTEMS, AND WARNING**

### **APPENDIX B** **WARNING**

#### **INTRODUCTION**

To provide guidance for rapid alerting and warning to key local jurisdiction officials and the general public of an impending or occurring emergency or disaster.

#### **CONCEPT OF OPERATIONS**

##### **A. General**

1. Emergency or disaster warnings may originate from any level of government or other sources. However, most forecasting resources are located within the federal government and may include watches and warnings for: floods, mud slides, severe weather, volcanic eruptions, fixed nuclear facility incidents, hazardous materials incidents, as well as earthquake occurrence notification.
2. This notification may come from the National Weather Service (NWS), the Emergency Alert System from WA EMD, the amateur radio community, RiverCom Communications, or the general public.
3. The National Alert and Warning System (NAWAS), established by the federal government is the primary means of disseminating warnings concerning national threats, in addition to the hazards listed above. The primary receiving point for NAWAS is at RiverCom, the secondary receiving point is located at Chelan County Emergency Management.
4. Additional communication capabilities may be used for warning
  - a. ACCESS (law enforcement teletype system)  
The primary receiving point is at RiverCom. ACCESS messages are also received in the Chelan County Records section, and disseminated to Chelan County Sheriff's Office personnel as needed.
  - b. CEMNET radio
  - c. Commercial telephone systems
  - d. Amateur radio
  - e. MyStateUSA
5. Responsible local officials may consider and decide whether to utilize the local operation area Emergency Alert System (EAS) to warn and advise the public in special situations. The EAS is located at RiverCom but can also be activated by WA EMD.

6. Local jurisdictions will utilize all warning systems available to alert officials and the affected population. This may include mobile sirens and loudspeakers. Special attention will be given to special needs groups such as the hearing impaired, short and long term health care facilities, group homes, and others at special risk. Chelan County EM maintains a Voluntary Special Needs Registry that may be accessed at the EM office. The prioritization and communications for the Special Needs community will be coordinated through the Chelan County EOC.
  7. Individuals or groups with special needs should coordinate with Chelan County Emergency Management before an emergency occurs. Family members, friends, and caregivers of those with special needs should become aware of resources and options available, and develop alert, warning and response plans.
  8. The chief elected official in each political jurisdiction is responsible to ensure an emergency warning system is established in their jurisdiction, and is maintained and tested.
- B. Preparedness activities
1. Chelan County Emergency Management
    - a. Determine methods of conveying warnings to citizens
    - b. Prepare, maintain, and exercise warning plans, SOPs, and resource lists.
    - c. Train personnel in the warning plans, SOPs, and the use of communications equipment.
    - d. Incorporate the PIO's role and responsibilities into the warning plans, and exercise those plans. (See ESF 15 – Public Affairs)
  2. Amateur Radio Operators
    - a. Conduct radio nets to test and evaluate plans, procedures and radio equipment. Participation in events such as Field Days are primarily to prepare for emergency activities with specified levels of authority and responsibility.
  3. NOAA Weather Radios
    - a. The general public is encouraged to purchase and maintain NOAA Weather radios. These inexpensive radios can provide weather information on demand and provide warnings when initiated by the NOAA National Weather Service.
- C. Response Activities
1. Chelan County EM/EOC
    - a. Emergency Management will activate the EOC when there appears to be a need for that service, and they will advise WA State EMD of that activation. Request communications and PIO support as needed.
    - b. Coordinate with the PIO and RiverCom regarding dissemination of alert and warning information. The

- Policy/Decision group, EM, or PIO is responsible for authorizing all outgoing alerts and warnings.
- c. Activate or alert agencies and groups that have capability and responsibility to assist with providing alerts and warnings.
  - d. Receive, prioritize, and disseminate warning information to/from local jurisdictions, and coordinate with agencies tasked with assisting with alert and warning, such as law enforcement, fire departments and districts, public works and others.
  - e. Notify hospitals, nursing homes, group homes, schools, day care facilities and other special needs groups. These groups will be given high priority. This may be accomplished by telephone, modem, fax, two way radio or by having someone from an authorized agency go to the facility. The local Spanish Language station will be of great assistance in disseminating alert and warning information to the Spanish-speaking population.
  - f. If responsible officials decide it is necessary, the EAS will be utilized. This will be accomplished by calling RiverCom and advising them of what information needs to be broadcast. If RiverCom is unable to make the broadcast, WA EMD is able to do so. KPQ radio in Wenatchee is the primary station for this area. KPQ should be contacted to be sure the EAS message was received.

**EMERGENCY SUPPORT FUNCTION TWO**  
**COMMUNICATIONS, INFORMATION SYSTEMS, AND WARNING**

**APPENDIX C**  
**Technical Data**

<b>Type</b>	<b>Name</b>	<b>RX</b>	<b>RX PL</b>	<b>TX</b>	<b>TX PL</b>	<b>Comment</b>
Amateur	RACES	3987		3987		Voice
Amateur	RACES	3624		3624		Packet
Amateur	RACES	145.37		145.37		Primary
Amateur	RACES	145.47		144.87		Olympia Rpt
Amateur	RACES	146.8		146.2		Olympia Rpt
Amateur	RACES	145.15		144.55		Olympia Rpt
Amateur	RACES	147.06		147.66		Baw Faw Rpt
Amateur	RACES	224.46				Olympia Rpt
Amateur	RACES	444.275		449.275		Olympia Rpt
Amateur	RACES	444.45		449.45		Olympia Rpt
Amateur	RACES	145.01				Seattle Primary
						Packet Node
Amateur		146.68		146.08		Wenatchee
Amateur		146.9		146.3		Wenatchee
Amateur		147.2		147.8		Wenatchee
Amateur		147.26		147.86		Wenatchee
Amateur		444.45		449.45		Wenatchee
Amateur		145.49		144.89		Chelan
Amateur		147.1		147.7		Chelan
Amateur		444.525		449.525	94.8	Chelan
Amateur		444.925		449.925	123.0	Chelan
Amateur		145.49		144.89		Lake Wenatchee
Fire	FIRE1	154.430		154.430	110.9	Chelan/Douglas
Fire	FIRE2	154.310		154.310		Douglas Working
Fire	FIRE3	154.250		154.250		Chelan Working
Fire	FIRE4	154.160		154.160		Wenatchee Working
Fire	Fire Rpt pl2	154.430		153.890	110.9	Sachs Mt.
Fire	Fire Rpt pl3	154.430		153.890	123.0	Blag Mt.
Fire	Fire Rpt pl4	154.430		153.890	136.5	Keystone
Fire	Fire Rpt pl5	154.430		153.890	151.4	Chelan Butte
Fire	Fire Special	153.830		153.830		REDNET
Fire	Grant Co.	154.190		154.190		Fire Dispatch
Fire	Okanogan Co.	154.415		154.415	103.5	County Fire
Fire	Omak/County	154.415		154.415	103.5	Omak City/County
Fire	Oroville	154.355		154.355	141.3	Oroville Fire
Fire	Tonasket	154.385		154.385	141.3	Tonasket Fire
DEM	DEM 1	154.995		154.995		
DEM	DEM Rpt	154.995		153.995		
DEM	OSCCR	156.135		156.135		OSCCR
DEM	SAR	155.160		155.160		Chelan Co SAR
Law	CCSO 1	155.625		155.625	110.9	CCSO Primary
Law	CCSO 2	155.070		155.070		Car-Car
Law	CCSO Rpt	155.625		155.070	100.0	Round Mt.
Law	CCSO Rpt	155.625		155.070	110.9	Goat Mt.
Law	CCSO Rpt	155.625		155.070	123.0	Blag Mt.
Law	CCSO Rpt	155.625		155.070	136.5	Keystone
Law	CCSO Rpt	155.625		155.070	127.3	Tip Top

## Chelan County CEMP

ESF 2 Communications, Information Systems,  
And Warning

Law	CCSO Rpt	155.625		155.070	167.9	Lower Badger
Law	CCSO Rpt	155.625		155.070	151.4	Chelan Butte
Law	CCSO Car 2	155.550	127.3	155.550	127.3	Car-Car
Law	CCSO Jail	154.875		154.875	123.0	Regional Jail
Law	LERN	155.370		155.370		LERN
Law	Wenatchee PD	156.090		155.790	100.1	WPD
Law	EWPD	155.010		155.010		E. Wenatchee
Law	DCSO	154.415		154.415		Douglas Sheriff
Law	DCSO	154.710		154.710		Car
Law	OKSO	155.715	179.9	155.715	179.9	Car
Law	OKSO	155.010		155.010		City Police
Law	OKSO	155.640		156.210	151.4	Coulee Dam
Law	OKSO	155.865		155.865	100.0	Jail
Law	Okanogan	155.010		155.010		City Police
Law	Omak	155.055		155.055		City Police
Law	Oroville	155.640		155.640	110.9	Oroville Base
EMS	HEAR	155.340		155.340		HEAR
EMS	HEAR	155.340		155.340	127.3	Cascade Hosp
EMS	HEAR	155.340		155.340	114.8	Chelan Hosp
EMS	HEAR	155.340		155.340	88.8	Central WA Hosp.
EMS	Cascade	153.965	192.8	159.090	192.8	Cascade Ambulance
EMS	Ballard	155.220		155.220		Ballard Ambulance
EMS	Lifeline	155.280		155.280		Lifeline Ambulance
FS	FS Law	168.025		168.025		OWF Forest Law
FS	Slide Ridge	173.050		168.750	141.3	OWF Forest Slide Ridge
FS	Project	170.125		170.125		General Projects
FS	Fire	168.200		168.200		Fire Project
FS	Fire Project	173.050		173.050	146.2	Incident Fire
FS	Air Net	168.625		168.625		AIRNET
FS	Tyee Rpt	173.050			110.9	Net 2
FS	Old Maid Rpt	173.050		168.750	136.5	Net 2
FS	Duncan Hill Rpt	173.050		168.750	146.2	Net 2
FS	Icicle Rpt	171.500		166.300	103.5	Net 1
FS	Air/Grnd 1	166.675		166.675		Air to Grnd 1
FS	Air/Grnd 2	169.200		169.200		Air to Grnd 2
FS	Victor	133.775		133.775		Primary
FS	Victor	134.625		134.625		Secondary
DNR	Common	151.415		151.415		Statewide Common
DNR	Area C	159.375		151.370	127.3	Badger Mt.
DNR	2C	159.225		151.475	127.3	Badger Mt.
DNR	2E	159.225		151.475	156.7	Chelan Butte
DNR	Air-Grnd	159.270		159.270		Air to Ground
DNR	Victor	122.925		122.925		Victor
BLM	Local	163.050		163.050		
BLM	Rpt	163.050		164.725		Jump-Off Ridge
County	Chelan Road	159.165		151.085	118.8	Road Net
County	Maintenance	154.115		154.115		Maintenance Dept
City	Cashmere	155.100		155.100		Cashmere City
City	Wenatchee PW	155.940		155.940		Wenatchee Public Works
City	Leavenworth	155.415		155.415		Leavenworth City
Weather		162.475				