

California Interoperability Field Operations Guide

July 2023



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

California Mission Statement

Provide strategic direction for interoperable communications that addresses the unique requirements of emergency responders and designated public service organizations serving the people of California.

Letter of Introduction

Since the first version of the California Interoperability Field Operations Guide (Cal-IFOG) was published in 2010, it has become an indispensable tool in day-to-day Public Safety communications, and it encourages more efficient and effective use of our limited mutual aid spectrum.

The Cal IFOG is a living document that is updated through the feedback provided by every operational area throughout California. Please accept my sincere gratitude for your efforts and I understand that without your input this update would not have been possible.

The purpose of the Cal-IFOG is to provide a single source document for the usage guidelines of the statewide and National Interoperability channels in support of the California Statewide Communication Interoperability Plan (CalSCIP). Please keep in mind that the mutual aid frequencies are open to all emergency responders, who are encouraged to program their radios as appropriate and authorized. As always, Federal Communications Commission (FCC) rules and regulations with regards to licensing and operations should be followed.

Every effort was made to ensure the information presented is accurate. In the event you do find an error, please contact either the California Statewide Interoperability Executive Committee (CalSIEC), your Planning Area, or the Statewide Interoperability Coordinator (SWIC), and they will ensure the updates make it into the next version. Thank you to all that contributed to the development of the Cal-IFOG and those dedicated to ensuring that it stays relevant for years to come.

Budge Currier
Statewide Interoperability Coordinator
Cal OES

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Chapter 1 - About the Cal-IFOG

The purpose of the California Interoperability Field Operations Guide (Cal-IFOG) is to be the emergency responders' everyday guide for interoperable radio communications.

The Cal-IFOG is a critical component of interoperability and provides practical guidelines in support of the California Statewide Communication Interoperability Plan (CalSCIP) by providing emergency responders with information to achieve interoperability across the state. The Cal-IFOG:

- Increases efficiency in establishing interoperable communications during incidents.
- Creates a consistent knowledge base of interoperable communications frequencies and networks.
- Provides helpful tools for pre-planning and interoperable communications training and exercises.

All frequency information in the Cal-IFOG is presented in the format as it applies to programming mobile and portable radios.

Oversight Process

The Cal-IFOG is a living document that will be continuously updated with an official updated version available as needed. The California Statewide Interoperability Executive Committee (CalSIEC) oversees the Cal-IFOG while the California Statewide Interoperability Coordinator (SWIC) within the California Governor's Office of Emergency Services (Cal OES) facilitates the update process.

Please send all comments, corrections, updates, and questions to the SWIC at SWIC@caloes.ca.gov.

Regional Structures

Mutual Aid Regions

To facilitate mutual aid response, California is divided into Mutual Aid Regions—six Fire Mutual Aid Regions and seven Law Enforcement Mutual Aid Regions—for all-hazards mutual aid coordination. The mutual aid regional system is based on four organizational levels: local agencies, counties (Operational Areas), regions, and the State. The mutual aid regional system allows for geographically adjacent emergency response agencies within an Operational Area to assist each other in mutual aid response. Should the event require assistance from outside the Operational Area, the region will provide assistance to the impacted Area. If the combined resources of the region are insufficient to cope with the incident, the Regional Coordinator will contact the appropriate State Mutual Aid Coordinator at Cal OES for assistance with resource requests.

CalSIEC Planning Areas

The CalSIEC Planning Areas are designed around radio propagation boundaries and structured for interoperability focused planning, management, policy development, and regional interoperability communications system build out. Though the CalSIEC Planning Area boundaries generally include one or more Mutual Aid Regions, incident response continues to be managed through the mutual aid regional system.

California Regions



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Chapter 2 - Guidelines for Interoperable Radio Communications

Eligibility for Participation in a Mutual Aid System

As a general rule, mutual aid systems are open to all emergency responders of the discipline(s) for whom the system is designed.

Use of Interoperability Channels

All radio transmissions on interoperability channels are for official use only. The radio frequencies may legally be used under the following circumstances:

- The user agency retains a Federal Communications Commission (FCC) license or a National Telecommunications and Information Administration (NTIA) authorization for these frequencies, or the user is covered by another authority's license.
- A Frequency Use Agreement for mobile and portable use is granted by Cal OES and endorsed by the CalSIEC, allowing an agency to use any interoperability frequencies licensed to the State of California.

For more information on the Frequency Use Agreement process, please see page 18-1 or e-mail

SWIC@caloes.ca.gov.

- The NTIA issues a "Special Temporary Authorization" for the use of Federal channels in a particular area/event.
- The user is assigned to an incident with those radio frequencies/channels/talkgroups listed on the Incident Radio Communications Plan (Incident Command System [ICS] Form 205).

The use of the frequency is necessary for the IMMEDIATE protection of life or property. When necessary, radio users may use prudent measures beyond the specifics of their license.

Note: The Cal-IFOG does not grant authority to operate on radio frequencies. Such authority comes in the situations indicated above.

Licensing of Interoperability Channels

All radio transmitters, both base and mobile, require a current FCC license before being placed in operation. For agencies who hold a FCC Part 90 frequency license, the National Interoperability channels can be programmed into mobiles and portables without further authorization. For more information, see Chapter 18.

Plain Language

All communications shall be in plain language. Radio codes, acronyms, and abbreviations are to be avoided as they may cause confusion between agencies.

- Plain words such as “help,” “assistance,” and “back-up” may have different operational meanings to different agencies.
- The words “emergency traffic” should be used in the context of a life-threatening situation.
- The word “help” should not be used alone unless in the context of a life-threatening situation.
- Requests for assistance or backup should clarify the reason for the request.
- All verbal requests for assistance or backup should specify the reason(s) for the request and be acknowledged by the receiving station.

See Appendix B for a glossary of common plain language words and phrases.

Channel/Talkgroup Names

Standardized channel/talkgroup names should be stated in widely used terms (e.g., “VFIRE22” or “NIFC TAC 2”). Channel/talkgroup numbers corresponding to how a specific radio is programmed should not be used unless the resource cannot display Alphabetic characters (e.g., “Channel 1” or “Channel A14”).

Identification Process

The agency name or identifier shall precede the unit identifier.

- When calling another unit/ICS position, the standard is to identify who you are calling first, followed by your call sign (e.g., "Fremont Engine 51, Cal Fire Battalion 1614," "Division B, XAL Strike Team 2001C," or "4 Charlie Baker, Sacramento Battalion 2104"). This process is critical, especially when a unit is broadcasting an emergency.
- Units must use their agency-assigned unit designator during transmissions. These should not be shortened and should include the entire set of letters and/or numbers.
- Base stations should identify themselves by using their agency name along with any other usual identifier. Base stations must use the FCC call sign shown on their license at least once every 30 minutes or at the end of a contact.
- When neighboring agencies, operating on different radio systems, respond to mutual aid incidents, units should finish their transmission with the channel they are transmitting on. (e.g., "Fremont Engine 51, Division B on VFIRE22," "Operations, Division A on Command.")

Channel Monitor

Personnel should monitor interoperability channels prior to transmitting to minimize the possibility of interference with communications in progress. To do so, radio operators can place the radio in the "monitor" mode (front panel switch) or take the microphone off hook (for some radios this disables CTCSS).

Encryption

The use of any interoperability channel for transmission of any encoded, encrypted, or scrambled message is prohibited.

Out-of-Area/Itinerant Mobiles

Base stations are encouraged to monitor interoperability channels at all times. Typically, these channels are the only means for personnel traveling outside their normal jurisdiction to obtain assistance or to report traffic collisions, fires, or other hazards.

Priority Levels

Statewide interoperability systems are governed by priority levels that must be respected at all times. Priority is given to disaster and emergency operations, urgent operations, special events, and drills, tests, and exercises. When a higher priority use is required, all lower priority traffic yields the frequency in areas where interference could occur. Check the interoperability system plans for each interoperability channel's priority levels.

Priority levels for these systems are as follows:

- **Priority 1:** Disaster and extreme emergency operations for mutual aid and interagency communications
- **Priority 2:** Emergency or urgent operations involving imminent safety of life or protection of property
- **Priority 3:** Special event control activities, such as a planned event involving the participation of two or more agencies
- **Priority 4:** Drills, tests, and exercises
- **Priority 5:** Single agency secondary communications

Message Precedence

Message Precedence is a classification system that establishes the priority of message content while a channel is in use – i.e., it helps determine which message has precedence over another on a channel. It is used for both verbal and written message traffic. The order of precedence of messages is:

1. **New Incident:** Messages pertaining to a new incident. Once the new incident is addressed, it no longer has precedence unless it has a higher priority.
2. **Emergency:** Messages involving the imminent safety of life or protection of property, including messages to request supplies, materials, or instructions vital to relief of emergency operations.
3. **Priority:** Messages that are official and time-bound but are not covered in the emergency category. Priority messages may include notice of deaths or injury in a disaster area.
4. **Welfare:** Messages involving the health and welfare of an individual in a disaster area.
5. **Routine:** Messages pertaining to routine operations.

Chapter 3 - Statewide Mutual Aid Radio Plans and Systems

SMARS

Cal OES owns and operates three interconnected mobile relay radio networks for mutual aid coordination and oversees a number of communications channels for field-level coordination purposes. The Statewide Mutual Aid Radio System (SMARS) is the overarching program encompassing the interconnected networks: the California Emergency Services Radio System (CESRS), California Law Enforcement Radio System (CLERS), and Cal OES Fire and Rescue Mutual Aid Coordination Network (FIRE Net).

CRIS

Cal OES is implementing the California Radio Interoperable System (CRIS) which provides an interoperable radio system that allows state, local, and federal public safety responders to seamlessly communicate with each other across most of the State of California. System coverage will include the major traffic arteries throughout the state as well as 60% of the state's geographical area and 90% of the state's population. The system will be designed to provide secured end-to-end encrypted communications and prioritize operations for public safety users while allowing non-public safety agencies use of the system.

CALCORD

Eligibility: All California local government public safety agencies.

The California On-Scene Emergency Coordination System (CALCORD) provides a common radio frequency to be used by State and local public safety and special emergency agencies during emergencies where interagency coordination is required.

The CALCORD channel is only to be used in mobile and portable units at the scene of any emergency incident requiring coordinate action by more than one agency. These agencies must be eligible to operate in the Public Safety or Special Emergency Radio Services. Base stations are not authorized on CALCORD. Use of this system is limited to emergency operations, with the exception of tests and drills. Sustained operations must be coordinated with

Cal OES Telecommunications Duty Officer via the Warning Center at 916-845-8911.

CESRS

Eligibility: Cal OES and county-level emergency services.

CESRS is the network Cal OES uses for direction and control/mutual aid coordination. It connects Cal OES Regions, field staff, and many Operational Area Emergency Operations Centers (EOCs) via two-way radios.

CLERS

Eligibility: Law enforcement agencies.

CLERS is the law enforcement community's mutual aid coordination radio network. It supports dispatcher-to-dispatcher communications at any level (City to Operational Area to Region to State) and is not intended to be used by field units.

CALAW

Eligibility: All law enforcement agencies, including certain special districts, public educational institutions, federal law enforcement agencies, and other public entities.

The California Law Enforcement Mutual Aid Radio System (CALAW) is designed for necessary day-to-day operations, provided such use does not interfere with a higher priority need in the area. The National Law Enforcement Mutual Aid Radio System (VLA31 formerly called NALEMARS) is one of the channels included within the CALAW pool of frequencies, allowing for communication with similarly equipped units from agencies in other parts of the United States.

Law Enforcement agencies must inform other area (line-of-sight) user agencies when they are involved in high priority usage of CALAW channels. Such notification should be via several of these four forms:

- A broadcast should be made on CALAW.
- A CLETS message to adjoining CALAW users. Agencies may wish to utilize the California Law Enforcement Telecommunications System (CLETS) "User Group Notification" feature.

- California Law Enforcement Radio System (CLERS) notification (via point-to-point radio system).
- Telephone calls to area frequent users.

CALAW9 and 9D: Due to special license restrictions, this channel is available only to Law Enforcement agencies located north of (and including) the counties of Monterey, Kings, Tulare, and Inyo.

CALAW5D: Due to special license restrictions, this simplex channel is available only to Law Enforcement agencies with base stations located within 50 miles of Los Angeles City Hall (mobiles and portables within 80 miles).

Cal OES Fire and Rescue Mutual Aid Coordination Network

Eligibility: Fire Mutual Aid Coordinators at the State, regional, and Operational Area levels.

The Cal OES Fire and Rescue Mutual Aid Coordination Network is known as FIRE Net. It was formerly known as the Office of Emergency Services (OES) FIRE. FIRE Net is a dedicated radio network to support the Fire and Rescue Mutual Aid System. Cal OES FIRE Net supports the 65 Fire Operational Areas and the six Mutual Aid Regions as well as all Cal OES fire engines and support vehicles.

For sustained operations authorization, contact the Cal OES Fire and Rescue Duty Officer via the Warning Center at 916-845-8911.

VFIRE

Eligibility: Fire agencies.

The six VFIRE channels are designated by the Federal Communications Commission as "Intersystem" channels, and are intended solely for interagency fire operations, i.e. mutual aid. VFIRE21 may be used under special conditions for alerting or warning and for announcements of special interest and is Command only otherwise. In California VFIRE22 and VFIRE23 are intended for on-scene use only.

CAFIRE

Eligibility: Fire and EMS agencies.

The California Fire and Medical Mutual Aid Radio Systems (CAFIRE formerly FIREMARS) consists of two repeated channels (one statewide, CAFIRE1, one usable in the 48 northern counties

CAFIRE2) in the 800 MHz spectrum for fire and emergency medical services (EMS) communications. Fire Department UHF Mutual Aid (FDUMA) is the implementation of CAFIRE UHF in Los Angeles County. It was named to differentiate it from other CAFIRE channels without having to resort to using a numeric identifier after the channel name. Use of FDUMA is restricted to Los Angeles County.

VMED28

Eligibility: Any agency that delivers medical services.

The basic usage of VMED28, (formerly called Hospital Emergency Administrative Radio - HEAR) is limited to communications between hospitals and ambulances or, in cases of large-scale and disaster operations, between hospitals intended for emergency traffic. Certain areas of California have established separate operational plans that supersede the basic plan.

Cal OES HF

Eligibility: All California state agencies that have emergency assignments during periods of disasters have a requirement to communicate with other California agencies. The Cal OES High Frequency (HF) system is a fixed omni-directional simplex radio system maintained at the Regional Emergency Operation Centers and State Operations Centers.

STACOM

Eligibility: State civil defense and emergency management agencies.

As part of Cal OES HF, the State Communications System (STACOM) HF (2-8 MHz) system is designed to provide point-to-point emergency radio communications coverage across the state. This system implements the FCC "State Emergency Capability Using Radio Effectively" ("Operation SECURE") capability and is licensed and operated in accordance with FCC Rules Part 90 - Private Land Mobile Services and in accordance with FCC Public Notice 2419. STACOM is not used for routine operation.

California Medical Mutual Aid Plan

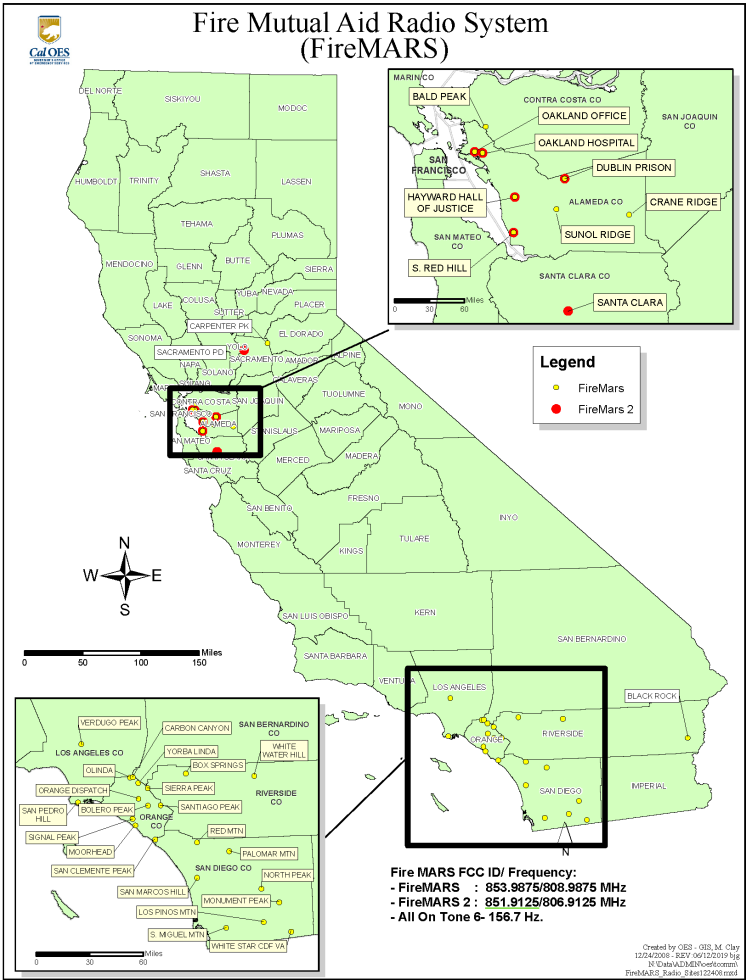
The California Medical Mutual Aid Plan documents the formal structures, policies, procedures, and constraints under which California's government units provide medical resources to local

governments impacted by disasters. It provides an overview of the disaster medical system, listing which agencies and personnel participate in the system, laying out roles and responsibilities, and explaining the mutual aid procedures. The California Medical Mutual Aid Plan provides a plan and communication capabilities for the interchange and dissemination of disaster medical-related data, directives, and information between medical officials of local, State, and Federal agencies. It can be downloaded at this link:

<https://emsa.ca.gov/wp-content/uploads/sites/71/2019/08/emsa218b.pdf>

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Chapter 4 - Statewide System Maps





Fire and Rescue Radio Network Mountain Top Repeaters - Microwave Circuit

Notes:

1. MW path remains open for 6 minutes for voice communications.
2. Confidence Tone is heard every second.
3. There is no transmit CTCSS.

Table 1: Repeater Frequencies (MHz)

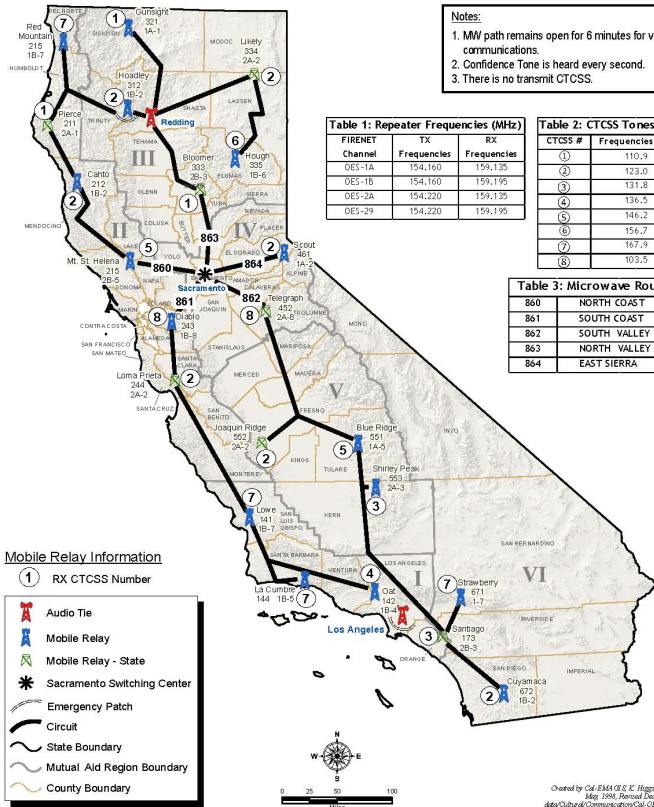
| FIRENET Channel | TX Frequencies | RX Frequencies |
|-----------------|----------------|----------------|
| OES-1A | 154.160 | 159.135 |
| OES-1B | 154.160 | 159.195 |
| OES-2A | 154.220 | 159.135 |
| OES-29 | 154.220 | 159.195 |

Table 2: CTCSS Tones (Hz)

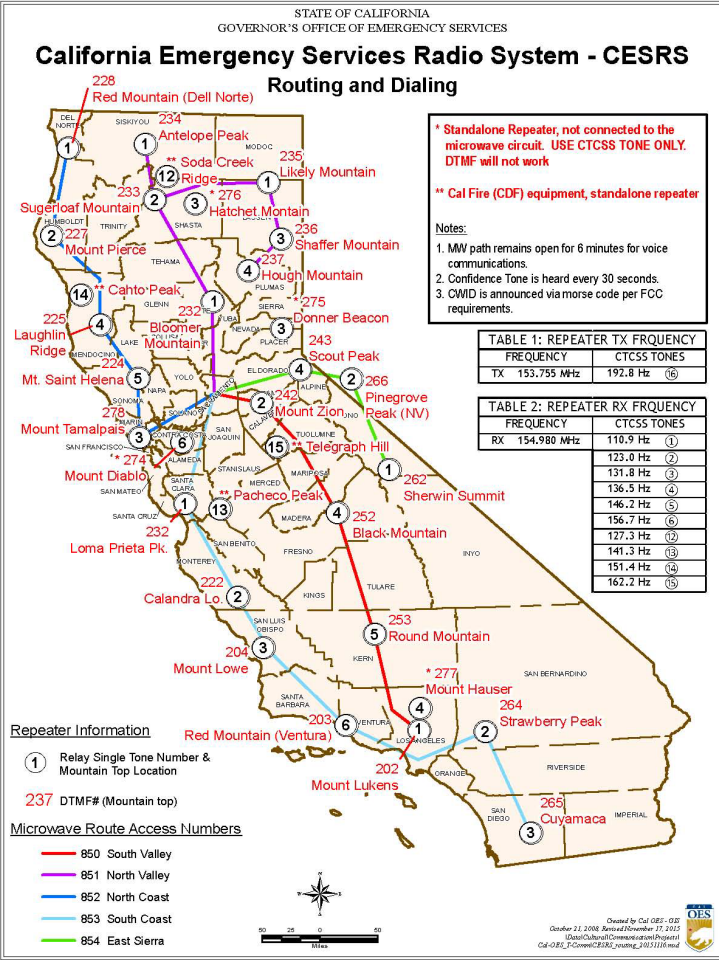
| CTCSS # | Frequencies (Hz) |
|---------|------------------|
| ① | 110.9 |
| ② | 123.0 |
| ③ | 131.8 |
| ④ | 136.5 |
| ⑤ | 146.2 |
| ⑥ | 156.7 |
| ⑦ | 167.9 |
| ⑧ | 103.5 |

Table 3: Microwave Routes

| | |
|-----|--------------|
| 860 | NORTH COAST |
| 861 | SOUTH COAST |
| 862 | SOUTH VALLEY |
| 863 | NORTH VALLEY |
| 864 | EAST SIERRA |



Created by Col. EM4 C.S. K. Hagen, E. Simpson
Map 1990, Revised December, 2015
data/Culture/Communications/Cal-OES 7-Cover/
Fire_repeater_20151208.mxd



STATE OF CALIFORNIA
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California Law Enforcement Radio System - CLERS Routing and Dialing

* Site has SSC-300 decoder

Site's CLERS was removed in January, 2012

Notes:

1. End user 5-digit codes can be found in CLERS TDM chapter (TDM52250.3.0) of the CLERS Operational Manual.
2. A pulsed confidence tone (850 Hz) is sent by the distant repeater for six (6) seconds indicating that the path is connected to the distant user.
3. MW path remains open to voice communication for six (6) minutes.
4. Manual dialing is allowed for all sites.
5. For details about MW routes see Drawing 763050-005.

TABLE 1: CLERS FREQ

| CH. NAME | RX FREQ | TX FREQ |
|----------|----------|----------|
| CLERS 1 | 158.7900 | 155.4300 |
| CLERS 2 | 155.0700 | 159.0300 |
| CLERS 3 | 154.7100 | 155.8700 |
| CLERS 4 | 155.9100 | 158.7300 |
| CLERS 5 | 155.7000 | 154.8150 |
| CLERS 6 | 453.6750 | 458.6750 |
| CLERS 7 | 453.8750 | 453.8750 |
| CLERS 8 | 453.8250 | 458.8250 |

TABLE 2: CTCSS TONES

| CTCSS # | Frequencies (Hz) |
|---------|------------------|
| (1) | 110.9 |
| (2) | 123.0 |
| (3) | 131.8 |
| (4) | 136.5 |
| (5) | 146.2 |



Created by Cal-BMA - OES, K. Biggs, E. Simpson
November 24, 2008. Revised November 13, 2015
M: (916) 445-0100 / (916) 445-0101
Cal-OES_T-Connect/CLERS_routing_11112015.mxd



Chapter 5 - California CTCSS/NAC Plan

California's State agencies use the following standard 16 Continuous Tone-Coded Squelch System (CTCSS) tones for repeater access. These must be included for repeater use. These tones must be programmed on the transmit side ONLY of mobile and portable radios.

| Tone | CTCSS | NAC ¹ | Tone | CTCSS | NAC ¹ |
|------|-------|------------------|------|-------|------------------|
| 1 | 110.9 | \$455 | 17 | 67.0 | \$29E |
| 2 | 123.0 | \$4CE | 18 | 71.9 | \$2CF |
| 3 | 131.8 | \$526 | 19 | 74.4 | \$2E8 |
| 4 | 136.5 | \$555 | 20 | 77.0 | \$302 |
| 5 | 146.2 | \$5B6 | 21 | 79.7 | \$31D |
| 6 | 156.7 | \$61F | 22 | 82.5 | \$339 |
| 7 | 167.9 | \$68F | 23 | 84.5 | \$356 |
| 8 | 103.5 | \$40B | 24 | 88.5 | \$375 |
| 9 | 100.0 | \$3E8 | 25 | 91.5 | \$393 |
| 10 | 107.2 | \$430 | 26 | 94.8 | \$3B4 |
| 11 | 114.8 | \$47C | 27 | 97.4 | \$3CE |
| 12 | 127.3 | \$4F9 | 28 | 118.8 | \$4A4 |
| 13 | 141.3 | \$585 | 29 | 173.8 | \$6CA |
| 14 | 151.4 | \$5EA | 30 | 179.9 | \$707 |
| 15 | 162.2 | \$656 | 31 | 186.2 | \$746 |
| 16 | 192.8 | \$788 | 32 | 203.5 | \$7F3 |

¹ Some radio manufacturers require a \$ and some do not. When programming radios, check the requirements of your radio.

About CTCSS

A CTCSS, or tone squelch, reduces channel traffic by filtering out other users using a different CTCSS tone or no CTCSS. Another form of coded squelch is Digital Coded Squelch (DCS), which, like CTCSS, is used with analog transmissions. The Network Access Code (NAC) is a feature of Project 25 digital radios and serves a function similar to CTCSS or DCS. There are two conventions to express NACs. One is to express the NAC value in hexadecimal notation, the other is to use decimal notation. There are two ways to indicate that a number is in hexadecimal notation, also known as “hex” or “base 16”. One way is to precede the number with the “\$” character (this is the expression used throughout this document). Another is to precede the number with “0x” (zero and lowercase “x”). Still another is to follow the number with a subscript “16”.

Different vendors use trademarked names for CTCSS and DCS:

| Vendor | CTCSS | DCS |
|-------------|---------------------------------|--|
| Motorola | Private Line (PL) [®] | Digital Private Line (DPL) [®] |
| Bendix/King | Channel Guard (CG) [®] | Digital Channel Guard (CDG) [®] |
| Kenwood | Quiet Talk (QT) [®] | Digital Quiet Talk (DQT) [®] |

About Project 25

Project 25 (P25) is a set of digital land mobile radio standards produced through the joint efforts of the Association of Public Safety Communications Officials International (APCO), the National Association of State Telecommunications Directors (NASTD), and selected Federal Agencies, in cooperation with the Telecommunications Industry Association (TIA). P25 is an open architecture, user driven suite of standards that define digital radio communications system architectures. P25 radios were designed to improve spectral efficiency, provide backwards compatibility, provide a migration path, enhance interoperability, and improve vendor competition. P25 supports conventional and trunked operation, secure communications, and is available from multiple manufacturers.

P25 Digital Codes

| NAC | |
|-------|--|
| \$293 | Default NAC |
| \$F7E | Receiver will unsquelch with any incoming NAC. Used on Receiver frequency only. |
| \$F7F | <i>A repeater with this NAC will allow incoming signals to be repeated with the NAC intact</i> |

| Talkgroup ID (TGID) | |
|---------------------|--|
| \$0001 | Default |
| \$0000 | No-one, talkgroup with no users – used for individual call |
| \$FFFF | <i>Talkgroup which includes everyone</i> |

| Unit ID | |
|--------------------|---|
| \$000000 | No-one – never associated with a radio unit |
| \$000001-\$98767F | For general use |
| \$989680-\$FFFFFFE | For talkgroup use or other special purposes |
| \$FFFFFFF | <i>Designates everyone – used when implementing a group call with a TGID3</i> |

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Chapter 6 - Mutual Aid Radio System Call Signs

Listed below are the FCC call signs that should be used by portable and mobile units when using the state interoperability channels.

| Channel Name | Call Sign |
|---|----------------------|
| CALCORD | KB82490 |
| CESRS | KG3310 |
| FIRE Net | KC5112 |
| CAFIRE1 & 2 | WPAT870 |
| VFIRE (all) | KC5112 |
| CLERS (VHF & UHF) | Limited ¹ |
| SAR | KNCE436 |
| LLAW1 | KK3942 |
| CALAW1 & 2 | KK3942 |
| CALAW4 / CALAW5 | KK3942 / WIJ645 |
| CALAW8 & 9 | WPAT870 |
| VLAW31 | KK3942 |
| VLAW32 | WQEN775 |
| VMED28 | KNCE436 |
| VMED29 | WQEN775 |
| VCALL/VTAC | WQEN775 |
| UCALL/UTAC | WQEN775 |
| 8CALL/8TAC | WPAT870 |
| ¹ Limited to Cal OES, CHP, and DOJ at this time. | |

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Chapter 7 - ANSI/NPSTC Standardized Channel Naming Format

The National Public Safety Telecommunications Council (NPSTC) is a federation of 15 national public safety organizations whose mission is to improve public safety communications and interoperability through collaborative leadership. It has developed and vetted a standardized naming format as the single reference for the common identification of public safety interoperable radio channels. Each FCC-designated interoperability channel in the Public Safety Radio Services (47 CFR Part 90) will have a unique name established according to the following 8 character standard format: **Btype##M**. A 6 character name is only used in equipment that is not capable of implementing the eight character name. The format is broken down in the following table. For more information see APCO/NPSTC ANS 1.104.1-2010.

| B- Spectrum Band | |
|---|---|
| The Spectrum Band Designator is a unique single alpha or numeric character to designate the public safety spectrum segment the channel is found within: | |
| L | VHF Low Band (30-50 MHz) |
| V | VHF High Band (150.8-160 MHz) |
| U | UHF Band (450-470 MHz) |
| 7 | 700 MHz Public Safety Narrowband Voice Band (769-775/799-805 MHz) |
| 8 | 800 MHz National Public Safety Planning Advisory Committee (NPSPAC) band (806-809/851-854 MHz) |
| ***All frequencies are in compliance with FCC narrow banding rules*** | |
| Type – Channel Use Designator | |
| The Channel Use Designator is an alphanumeric 3- or 4-place tag to signify the primary operational purpose of the channel. | |
| AG | Channel is dedicated nationwide for the express purpose of low power, low level (less than 1500' AGL) Air-Ground operations |
| CALL | Channel is dedicated nationwide for the express purpose of interoperability calling only. |

| | |
|---|---|
| DATA | Channel is reserved nationwide for the express purpose of data transmissions only. |
| Type – Channel Use Designator | |
| FIRE | Channel is primarily used for interagency incident communications by fire service licensees. |
| GTAC | Channel is primarily used for interagency incident communications between public safety licensees and eligible non-governmental organizations (NGOs). |
| LAW | Channel is primarily used for interagency incident communications by police service licensee. |
| MED | Channel is primarily used for interagency incident communications by EMS licensee. |
| MOB | Channel is primarily used for on-scene interagency incident communications by any public safety licensee using vehicular repeaters (FCC Station Class MO3). |
| SAR | Channel is primarily used for interagency incident communications for Search and Rescue Operations. |
| TAC | Channel is primarily used for interagency communications by any public safety eligible licensee. |
| TRVL | Channel is primarily used for interagency communications by any public safety eligible licensee to coordinate travel when responding to/from an incident outside of an agency's own jurisdiction. |
| ## - Unique Channel Identifier | |
| The Unique Channel Identifier is a numeric 1- or 2-place tag to uniquely identify the specific channel. Channel identifiers are grouped by band segment as follows: | |
| 1-9 | VHF Low Band (30-50 MHz) |
| 10-39 | VHF High Band (150.8-162 MHz) |
| 40-49 | UHF Band (450-470 MHz) |
| 50-89 | 700 MHz Public Safety Narrowband Voice Band (769-775/799-805 MHz) |
| 90-99 | 800 MHz NPSPAC band (806-809/851-854 MHz) |
| <i>Note: Calling channels are channels ending in zero ("0")</i> | |

M - Modifier

The Modifier is a single alphanumeric tag to identify a modification to the default operation type on the channel/channel pair.

D

Direct or “talk around” use (simplex operations on the output channel of a pair normally designated for half-duplex or mobile relay operations).

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Chapter 8 - State Radio Systems

The tables below depict channels that are licensed and managed by the State. They are statewide channels, except as noted, and require specific authorization for their use. They may be used for interoperability purposes as authorized.

| Description | Channel Name | RX Freq | TX Freq | Location (CTCSS Tone) |
|----------------|------------------|----------|----------|--------------------------|
| Emergency Mgmt | CESRS | 153.7550 | 154.9800 | Multiple ¹ |
| Emergency Mgmt | CESRSD | 153.7550 | 153.7550 | |
| Emergency Mgmt | CESRS2D | 153.7400 | 153.7400 | |
| Fire | Cal OES (OES) 1 | 154.1600 | 154.1600 | |
| Fire | Cal OES (OES) 1A | 154.1600 | 159.1350 | Multiple ¹ |
| Fire | Cal OES (OES) 1B | 154.1600 | 159.1950 | Multiple ¹ |
| Fire | Cal OES (OES) 2 | 154.2200 | 154.2200 | |
| Fire | Cal OES (OES) 2A | 154.2200 | 159.1350 | Multiple ¹ |
| Fire | Cal OES (OES) 2B | 154.2200 | 159.1950 | Multiple ¹ |

¹ These systems use the State of California standard 32-tone Continuous Tone-Coded Squelch System (CTCSS) plan to select specific repeaters across the State.

| CLERS Repeater Frequencies | | | | | |
|----------------------------|----------|-----------|-------------|-----------|--------------|
| Site # | Receiver | | Transmitter | | Location |
| | Freq | CTCSS | Freq | CTCSS | |
| 1 | 155.670 | (2) 123.0 | 154.710 | (2) 123.0 | MT. DIABLO |
| 2 | 155.430 | (1) 110.9 | 158.790 | (1) 110.9 | SANTIAGO PK. |
| 3 | 159.030 | (1) 110.9 | 155.070 | (1) 110.9 | WOLF MTN |
| 4 | 155.430 | (3) 131.8 | 158.790 | (3) 131.8 | CACTUS CITY |

| CLERS Repeater Frequencies | | | | | |
|--|----------|-----------|-------------|-----------|--------------------|
| Site # | Receiver | | Transmitter | | Location |
| | Freq | CTCSS | Freq | CTCSS | |
| 5 | 154.815 | (2) 123.0 | 155.700 | (2) 123.0 | HAMAKER |
| 6 | 154.815 | (3) 131.8 | 155.700 | (3) 131.8 | ANTELOPE PK. |
| 7 | 154.815 | (1) 110.9 | 155.700 | (1) 110.9 | HORSE MTN |
| 8 | 154.815 | (5) 146.2 | 155.700 | (5) 146.2 | HOADLEY |
| 9 | 154.815 | (4) 136.5 | 155.700 | (4) 136.5 | LIKELY MTN |
| 10 | 154.815 | (1) 110.9 | 155.700 | (1) 110.9 | SHAFFER |
| 11 | 155.670 | (1) 110.9 | 154.710 | (1) 110.9 | BROCKWAY SUM. |
| 12 | 155.670 | (3) 131.8 | 154.710 | (3) 131.8 | JOAQUIN RIDGE |
| 13 | 159.030 | (1) 110.9 | 155.070 | (1) 110.9 | BLUE RIDGE |
| 14 | 158.730 | (3) 131.8 | 155.910 | (3) 131.8 | GOVERNMENT PK. |
| 15 | 458.875 | (1) 110.9 | 453.875 | (1) 110.9 | BLOOMER |
| 16 | 458.875 | (4) 136.5 | 453.875 | (4) 136.5 | TELEGRAPH PK. |
| 17 | 458.875 | (2) 123.0 | 453.875 | (2) 123.0 | FREMONT PK. |
| 18 | 458.675 | (2) 123.0 | 453.675 | (2) 123.0 | MT. LOWE |
| 19 | 458.675 | (3) 131.8 | 453.675 | (3) 131.8 | RED MTN. (Ventura) |
| 20 | 458.675 | (1) 110.9 | 453.675 | (1) 110.9 | CUYAMACA PK. |
| 21 | 458.675 | (4) 136.5 | 453.675 | (4) 136.5 | MT. BULLION |
| 22 | 458.875 | (3) 131.8 | 453.875 | (3) 131.8 | MT. TAMALPAIS |
| (#) The number in parentheses corresponds with the CTCSS tones 1 through 5 from the California CTCSS Plan on page 5-1. | | | | | |

Chapter 9 - California Conventional Radio Interoperability Channels

IMPORTANT NOTE:

All the interoperability channels identified can (with the exception of VFIRE21) be temporarily linked utilizing the proper priority levels (except priority level 5) for the duration of test or exercises and incidents, emergencies or disasters to local government public safety channels either directly within a jurisdiction or utilizing the simplex frequencies between jurisdictions. They can also be linked to each other. None of these frequencies can be linked on a permanent or semi-permanent basis. For frequency management purposes, the use of the interoperability frequencies for tests or exercises and incidents, emergencies or disasters must first be coordinated by Cal OES (and then authorized or not) regardless of, if the actual equipment (fixed, mobile or temporary) is owned and/or licensed by Cal OES or local governments. To coordinate the use of the frequencies, contact the Cal OES Warning Center at (916) 845-8911.

With the exception of the 700 MHz Interoperability Channels) all operations on Cal-IFOG frequencies shall be analog, and the use of encryption is prohibited.

| VHF Low Band (Using California Channel Names) | | | | |
|---|-----------------------------|------------------------------------|-----------------------|----------------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) ¹ | Transmit Freq (Input) | CTCSS Tone Hz ¹ |
| LAW ² | LLAW1 (LLAW1) | 39.4600 | 45.8600 | 156.7 |
| LAW ³ | LLAW1D (LLAW1D) | 39.4600 | 39.4600 | 156.7 |
| FIRE (Proposed) | LFIRE2 (LFIRE2) | 39.4800 | 39.4800 | 156.7 |
| LAW ⁴ | LLAW3D (LLAW3D) | 45.8600 | 45.8600 | 156.7 |
| FIRE | LFIRE4 (LFIRE4) | 45.8800 | 45.8800 | 156.7 |

¹ Default operation should be carrier squelch receive; CTCSS transmit. If the user can enable/disable without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable.

² In California, LLAW1 is used as a repeater, paired with nationwide LLAW3D.

³ In the ANSI/NPSTC standard and NIFOG, this channel is known as LLAW1. The ID LLAW1D is used in California to distinguish this channel from the use of LLAW1 as a repeater.

⁴ In the ANSI/NPSTC standard and NIFOG, this channel is known as LLAW3D. In California, this channel is used as the repeater input for LLAW1. Do not use for simplex (direct) communication in California.

| VHF High Band | | | | |
|-------------------|--------------------------------|--------------------------|--------------------------|------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz |
| CALL | VCALL10 (VCAL10) | 155.7525 | 155.7525 | 156.7 |
| TAC | VTAC11 (VTAC11) | 151.1375 | 151.1375 | 156.7 |
| TAC | VTAC12 (VTAC12) | 154.4525 | 154.4525 | 156.7 |
| TAC | VTAC13 (VTAC13) | 158.7375 | 158.7375 | 156.7 |
| TAC | VTAC14 (VTAC14) | 159.4725 | 159.4725 | 156.7 |
| TAC ¹ | VTAC17 (VTAC17) | 161.8500 | 157.2500 | 156.7 |
| TAC ¹ | VTAC17D (VTAC17D) | 161.8500 | 161.8500 | 156.7 |
| FIRE | VFIRE21 (VFIR21) | 154.2800 | 154.2800 | 156.7 |
| FIRE ² | VFIRE22 (VFIR22) | 154.2650 | 154.2650 | 156.7 |
| FIRE ² | VFIRE23 (VFIR23) | 154.2950 | 154.2950 | 156.7 |
| FIRE | VFIRE24 (VFIR24) | 154.2725 | 154.2725 | 156.7 |
| FIRE | VFIRE25 (VFIR25) | 154.2875 | 154.2875 | 156.7 |
| FIRE | VFIRE26 (VFIR26) | 154.3025 | 154.3025 | 156.7 |
| MED | VMED28 (VMED28) | 155.3400 | 155.3400 | Various |
| MED | VMED29 (VMED29) | 155.3475 | 155.3475 | 156.7 |
| LAW | VLAW31 (VLAW31) | 155.4750 | 155.4750 | CSQ/156.7 |
| LAW | VLAW32 (VLAW32) | 155.4825 | 155.4825 | 156.7 |

| VHF High Band | | | | |
|--|--------------------------------|--------------------------|--------------------------|------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz |
| LAW | CALAW1 (CALAW1) | 154.9200 | 154.9200 | 156.7 |
| LAW ³ | CALAW2 (CALAW2) | 154.9350 | 154.9350 | 156.7 |
| TAC | CALCORD (CACORD) | 156.0750 | 156.0750 | 156.7 |
| TAC Rpt ⁴ | VTAC33 | 159.4725 | 151.1375 | 156.7/136.5 |
| TAC Rpt ⁴ | VTAC34 | 158.7375 | 154.4525 | 156.7/136.5 |
| TAC Rpt ⁴ | VTAC35 | 159.4725 | 158.7375 | 156.7/136.5 |
| TAC Rpt ⁴ | VTAC36 | 151.1375 | 159.4725 | 156.7/136.5 |
| TAC Rpt ⁴ | VTAC37 | 154.4525 | 158.7375 | 156.7/136.5 |
| TAC Rpt ⁴ | VTAC38 | 158.7375 | 159.4725 | 156.7/136.5 |
| ¹ Permitted use only in Reno VHF Public Coast Service Area #34, including the California counties of Alpine, Inyo, Lassen, Mono, Plumas, and Sierra. Base stations: 50 Watts max, antenna HAAT 400 feet max. Mobile stations: 20 Watts max, antenna HAAT 15 FEET max. These channels are for tactical use and may not be operated on board aircraft in flight. These channels use narrowband FM and the same frequencies as VHF Marine Channel 25, which uses wideband FM. Use only where authorized. In the authorized areas, interoperability communications have priority over grandfathered public coast and public safety licensees. ² These channels are intended for on-scene use and mobile only. ³ This channel is restricted to portable (handheld) use, with a maximum of 10 watts output power. ⁴ VTAC33-38 recommended for deployable tactical repeater use only (FCC Station Class FB2T). VTAC36-38 are preferred; VTAC33-35 should be used only when necessary due to interference. | | | | |

| UHF | | | | |
|-------------------|--------------------------------|--------------------------|--------------------------|------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz |
| CALL | UCALL40 (UCAL40) | 453.2125 | 458.2125 | 156.7 |
| CALL | UCALL40D (CAL40D) | 453.2125 | 453.2125 | 156.7 |
| TAC | UTAC41 (UTAC41) | 453.4625 | 458.4625 | 156.7 |
| TAC | UTAC41D (TAC41D) | 453.4625 | 453.4625 | 156.7 |
| TAC | UTAC42 (UTAC42) | 453.7125 | 458.7125 | 156.7 |
| TAC | UTAC42D (TAC42D) | 453.7125 | 453.7125 | 156.7 |
| TAC | UTAC43 (UTAC43) | 453.8625 | 458.8625 | 156.7 |
| TAC | UTAC43D (TAC43D) | 453.8625 | 453.8625 | 156.7 |
| LAW | CALAW4 (CALAW4) | 460.0250 | 465.0250 | Varies |
| LAW | CALAW4D (CLAW4D) | 460.0250 | 460.0250 | Varies |
| TAC ¹ | SCMA C (SCMA C) | 484.2125 | 487.2125 | 167.9/146.2 |
| TAC ¹ | SCMA E (SCMA E) | 484.2125 | 487.2125 | 167.9/167.9 |
| TAC ¹ | SCMA N (SCMA N) | 484.2125 | 487.2125 | 167.9/156.7 |
| TAC ¹ | SCMA W (SCMA W) | 484.2125 | 487.2125 | 167.9/173.8 |
| TAC ¹ | SCMA D (SCMA D) | 484.2125 | 484.2125 | 167.9/167.9 |
| LAW ¹ | CALAW5D (CLAW5D) | 484.2375 | 484.2375 | 156.7 |
| FIRE ² | FDUMA (FDUMA) | 487.2375 | 487.2375 | 156.7 |

| UHF | | | | |
|--|--------------------------------|--------------------------|--------------------------|------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz |
| ¹ Small Cities Mutual Aid (SCMA) is only permitted for use in Los Angeles County. | | | | |
| ² Fire Department UHF Mutual Aid (FDUMA) is only permitted for use in Los Angeles County. | | | | |

| 700 MHz National Interoperability Channels | | | | |
|--|---------------|---------------------------------------|---------------------------------------|---------------------|
| Primary Use | ANSI/NPSTC ID | Receive Freq (Output) ¹ | Transmit Freq (Input) ¹ | NAC Hz ² |
| CALL | 7CALL50 | 769.24375 | 799.24375 | \$F7E/\$293 |
| | 7CALL50D | 769.24375 | 769.24375 | \$F7E/\$293 |
| TAC | 7TAC51 | 769.14375 | 799.14375 | \$F7E/\$293 |
| | 7TAC51D | 769.14375 | 769.14375 | \$F7E/\$293 |
| TAC | 7TAC52 | 769.64375 | 799.64375 | \$F7E/\$293 |
| | 7TAC52D | 769.64375 | 769.64375 | \$F7E/\$293 |
| TAC | 7TAC53 | 770.14375 | 800.14375 | \$F7E/\$293 |
| | 7TAC53D | 770.14375 | 770.14375 | \$F7E/\$293 |
| TAC | 7TAC54 | 770.64375 | 800.64375 | \$F7E/\$293 |
| | 7TAC54D | 770.64375 | 770.64375 | \$F7E/\$293 |
| TAC | 7TAC55 | 769.74375 | 799.74375 | \$F7E/\$293 |
| | 7TAC55D | 769.74375 | 769.74375 | \$F7E/\$293 |
| TAC | 7TAC56 | 770.24375 | 800.24375 | \$F7E/\$293 |
| | 7TAC56D | 770.24375 | 770.24375 | \$F7E/\$293 |
| GTAC | 7GTAC57 | 770.99375 | 800.99375 | \$F7E/\$293 |
| | 7GTAC57D | 770.99375 | 770.99375 | \$F7E/\$293 |
| MOB | 7MOB59 | 770.89375 | 800.89375 | \$F7E/\$293 |
| | 7MOB59D | 770.89375 | 770.89375 | \$F7E/\$293 |
| LAW | 7LAW61 | 770.39375 | 800.39375 | \$F7E/\$293 |
| | 7LAW61D | 770.39375 | 770.39375 | \$F7E/\$293 |

| 700 MHz National Interoperability Channels | | | | |
|--|---------------|------------------------------------|------------------------------------|---------------------|
| Primary Use | ANSI/NPSTC ID | Receive Freq (Output) ¹ | Transmit Freq (Input) ¹ | NAC Hz ² |
| LAW | 7LAW62 | 770.49375 | 800.49375 | \$F7E/\$293 |
| | 7LAW62D | 770.49375 | 770.49375 | \$F7E/\$293 |
| FIRE | 7FIRE63 | 769.89375 | 799.89375 | \$F7E/\$293 |
| | 7FIRE63D | 769.89375 | 769.89375 | \$F7E/\$293 |
| FIRE | 7FIRE64 | 769.99375 | 799.99375 | \$F7E/\$293 |
| | 7FIRE64D | 769.99375 | 769.99375 | \$F7E/\$293 |
| MED | 7MED65 | 769.39375 | 799.39375 | \$F7E/\$293 |
| | 7MED65D | 769.39375 | 769.39375 | \$F7E/\$293 |
| MED | 7MED66 | 769.49375 | 799.49375 | \$F7E/\$293 |
| | 7MED66D | 769.49375 | 769.49375 | \$F7E/\$293 |
| DATA | 7DATA69 | 770.74375 | 800.74375 | \$F7E/\$293 |
| | 7DATA69D | 770.74375 | 770.74375 | \$F7E/\$293 |
| CALL | 7CALL70 | 773.25625 | 803.25625 | \$F7E/\$293 |
| | 7CALL70D | 773.25625 | 773.25625 | \$F7E/\$293 |
| TAC (secondary trunked) | 7TAC71 | 773.10625 | 803.10625 | \$F7E/\$293 |
| | 7TAC71D | 773.10625 | 773.10625 | \$F7E/\$293 |
| TAC (secondary trunked) | 7TAC72 | 773.60625 | 803.60625 | \$F7E/\$293 |
| | 7TAC72D | 773.60625 | 773.60625 | \$F7E/\$293 |
| TAC (secondary trunked) | 7TAC73 | 774.10625 | 804.10625 | \$F7E/\$293 |
| | 7TAC73D | 774.10625 | 774.10625 | \$F7E/\$293 |
| TAC (secondary trunked) | 7TAC74 | 774.60625 | 804.60625 | \$F7E/\$293 |
| | 7TAC74D | 774.60625 | 774.60625 | \$F7E/\$293 |
| TAC | 7TAC75 | 773.75625 | 803.75625 | \$F7E/\$293 |
| | 7TAC75D | 773.75625 | 773.75625 | \$F7E/\$293 |
| TAC | 7TAC76 | 774.25625 | 804.25625 | \$F7E/\$293 |
| | 7TAC76D | 774.25625 | 774.25625 | \$F7E/\$293 |

| 700 MHz National Interoperability Channels | | | | |
|--|---------------|------------------------------------|------------------------------------|---------------------|
| Primary Use | ANSI/NPSTC ID | Receive Freq (Output) ¹ | Transmit Freq (Input) ¹ | NAC Hz ² |
| GTAC | 7GTAC77 | 774.85625 | 804.85625 | \$F7E/\$293 |
| | 7GTAC77D | 774.85625 | 774.85625 | \$F7E/\$293 |
| MOB | 7MOB79 | 774.50625 | 804.50625 | \$F7E/\$293 |
| | 7MOB79D | 774.50625 | 774.50625 | \$F7E/\$293 |
| LAW | 7LAW81 | 774.35625 | 804.35625 | \$F7E/\$293 |
| | 7LAW81D | 774.35625 | 774.35625 | \$F7E/\$293 |
| LAW | 7LAW82 | 774.00625 | 804.00625 | \$F7E/\$293 |
| | 7LAW82D | 774.00625 | 774.00625 | \$F7E/\$293 |
| FIRE | 7FIRE83 | 773.50625 | 803.50625 | \$F7E/\$293 |
| | 7FIRE83D | 773.50625 | 773.50625 | \$F7E/\$293 |
| FIRE | 7FIRE84 | 773.85625 | 803.85625 | \$F7E/\$293 |
| | 7FIRE84D | 773.85625 | 773.85625 | \$F7E/\$293 |
| MED | 7MED86 | 773.00625 | 803.00625 | \$F7E/\$293 |
| | 7MED86D | 773.00625 | 773.00625 | \$F7E/\$293 |
| MED | 7MED87 | 773.35625 | 803.35625 | \$F7E/\$293 |
| | 7MED87D | 773.35625 | 773.35625 | \$F7E/\$293 |
| DATA | 7DATA89 | 774.75625 | 804.75625 | \$F7E/\$293 |
| | 7DATA89D | 774.75625 | 774.75625 | \$F7E/\$293 |

¹ All 700 MHz Interoperability Channels are to be programmed as Project 25 Phase 1 (12.5 kHz channel occupancy) as per FCC Rules, and the use of encryption is prohibited.

² The National Interoperability Field Operations Guide, published by the U.S. Department of Homeland Security's Office of Emergency Communications, recommends the default NAC \$293 be programmed for transmit, and NAC \$F7E be programmed for receive. Talk Group ID: \$00001. Manufacturer's ID: \$00. Message ID: \$00000000000000000000.

| California-Only 800 MHz | | | | |
|---|--------------------------------|--------------------------|--------------------------|-------------------------------|
| Type | Standard CA ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz ¹ |
| LAW | CALAW8 (CALAW8) | 853.5125 | 808.5125 | 156.7 |
| LAW | CALAW8D (CLAW8D) | 853.5125 | 853.5125 | 156.7 |
| FIRE | CAFIRE1 (CFIRE1) | 853.9875 | 808.9875 | 156.7 |
| FIRE | CAFIRE1D (CFIR1D) | 853.9875 | 853.9875 | 156.7 |
| LAW ² | CALAW9 (CALAW9) | 851.2000 | 806.2000 | 156.7 |
| LAW ² | CALAW9D (CLAW9D) | 851.2000 | 851.2000 | 156.7 |
| FIRE ² | CAFIRE2 (CFIRE2) | 851.9125 | 806.9125 | 156.7 |
| FIRE ² | CAFIRE2D (CFIR2D) | 851.9125 | 851.9125 | 156.7 |
| ¹ Default operation should be carrier squelch receive; CTCSS transmit. If the user can enable/disable without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable. ² Permitted use only in the 48 northern California counties. | | | | |

US and Canada 800 MHz

| Type | ANSI/NPSTC ID (Short Name) | Receive Freq (Output) | Transmit Freq (Input) | CTCSS Tone Hz |
|--------------|-------------------------------|--------------------------|--------------------------|------------------|
| CALL | 8CALL90 (CAL90) | 851.0125 | 806.0125 | 156.7 |
| CALL– Direct | 8CALL90D (CAL90D) | 851.0125 | 851.0125 | 156.7 |
| TAC | 8TAC91 (TAC91) | 851.5125 | 806.5125 | 156.7 |
| TAC– Direct | 8TAC91D (TAC91D) | 851.5125 | 851.5125 | 156.7 |
| TAC | 8TAC92 (TAC92) | 852.0125 | 807.0125 | 156.7 |
| TAC– Direct | 8TAC92D (TAC92D) | 852.0125 | 852.0125 | 156.7 |
| TAC | 8TAC93 (TAC93) | 852.5125 | 807.5125 | 156.7 |
| TAC– Direct | 8TAC93D (TAC93D) | 852.5125 | 852.5125 | 156.7 |
| TAC | 8TAC94 (TAC94) | 853.0125 | 808.0125 | 156.7 |
| TAC– Direct | 8TAC94D (TAC94D) | 853.0125 | 853.0125 | 156.7 |

| UHF MED | | | |
|---------------------|---------|--|---|
| Use | ID | Base/Mobile Receive ¹ (Repeater Receive) | Mobile Transmit ¹ (Repeater Transmit) |
| MED Common Dispatch | MED-10 | 462.9750 | 467.9750 |
| MED Common Dispatch | MED-101 | 462.98125 U | 467.98125 U |
| MED Common Dispatch | MED-102 | 462.9875 | 467.9875 |
| MED Common Dispatch | MED-103 | 462.99375 U | 467.99375 U |
| MED Common Dispatch | MED-9 | 462.9500 | 467.9500 |
| MED Common Dispatch | MED-91 | 462.95625 U | 467.95625 U |
| MED Common Dispatch | MED-92 | 462.9625 | 467.9625 |
| MED Common Dispatch | MED-93 | 462.96875 U | 467.96875 U |
| MED Common | MED-1 | 463.0000 | 468.0000 |
| MED Common | MED-11 | 463.00625 U | 468.00625 U |
| MED Common | MED-12 | 463.0125 | 468.0125 |
| MED Common | MED-13 | 463.01875 U | 468.01875 U |
| MED Common | MED-2 | 463.0250 | 468.0250 |
| MED Common | MED-21 | 463.03125 U | 468.03125 U |
| MED Common | MED-22 | 463.0375 | 468.0375 N/U |
| MED Common | MED-23 | 463.04375 U | 468.04375 U |
| MED Common | MED-3 | 463.0500 | 468.0500 |
| MED Common | MED-31 | 463.05625 U | 468.05625 U |
| MED Common | MED-32 | 463.0625 | 468.0625 |
| MED Common | MED-33 | 463.06875 U | 468.06875 U |
| MED Common | MED-4 | 463.0750 | 468.0750 |
| MED Common | MED-41 | 463.08125 U | 468.08125 U |

| UHF MED | | | |
|---|--------|--|---|
| Use | ID | Base/Mobile Receive ¹ (Repeater Receive) | Mobile Transmit ¹ (Repeater Transmit) |
| MED Common | MED-42 | 463.0875 | 468.0875 |
| MED Common | MED-43 | 463.09375 U | 468.09375 U |
| MED Common | MED-5 | 463.1000 | 468.1000 |
| MED Common | MED-51 | 463.10625 U | 468.10625 U |
| MED Common | MED-52 | 463.1125 | 468.1125 |
| MED Common | MED-53 | 463.11875 U | 468.11875 U |
| MED Common | MED-6 | 463.1250 | 468.1250 |
| MED Common | MED-61 | 463.13125 U | 468.13125 U |
| MED Common | MED-62 | 463.1375 | 468.1375 |
| MED Common | MED-63 | 463.14375 U | 468.14375 U |
| MED Common | MED-7 | 463.1500 | 468.1500 |
| MED Common | MED-71 | 463.15625 U | 468.15625 U |
| MED Common | MED-72 | 463.1625 | 468.1625 |
| MED Common | MED-73 | 463.16875 U | 468.16875 U |
| MED Common | MED-8 | 463.1750 | 468.1750 |
| MED Common | MED-81 | 463.18125 U | 468.18125 U |
| MED Common | MED-82 | 463.1875 | 468.1875 |
| MED Common | MED-83 | 463.19375 U | 468.19375 U |
| ¹ U indicates the bandwidth = 6.25 kHz modulation bandwidth (ultra-narrow band) / Direct mode: receive & transmit on "Base & Mobile TX" freq. Repeater mode: transmit on "Mobile TX" freq., receive on "Base & Mobile TX" freq. CTCSS as required by local plan. Add "D" to channel name when operating in "Direct" mode. Note: CTCSS tones across the state are currently non-standardized and vary among the various local and regional EMS Authorities. Radios equipped for use on these frequencies should incorporate Multiple CTCSS tones or Operator Selectable Tone capabilities, which allow the user to select appropriate CTCSS tones. | | | |

| STACOM | | | |
|--------------|---------------------------|---------------------------|---|
| Channel Name | RX Frequency ¹ | TX Frequency ¹ | Usage Details ² |
| STACOM 1 | 7480 kHz | 7480 kHz | Day and night. Primary channel |
| STACOM 2 | 7802 kHz | 7802 kHz | Daytime. Use restricted to one hour before sunrise and one hour after sunset, local times |
| STACOM 3 | 5140 kHz | 5140 kHz | Day and night |
| STACOM 4 | 2419 kHz | 2419 kHz | Day and night |
| STACOM 5 | 2422 kHz | 2422 kHz | Day and night |
| STACOM 6 | 2812 kHz | 2812 kHz | Day and night |
| STACOM 7 | 2804 kHz | 2804 kHz | Day and night |
| STACOM 8 | 2326 kHz | 2326 kHz | Day and night. Interstate Coordination |
| STACOM 9 | 5195 kHz | 5195 kHz | Day and night. Interstate Coordination. Limited to States of California, Nevada, Oregon, and Arizona. |
| STACOM 10 | 7805 kHz | 7805 kHz | Day and night. Interstate Coordination |

State communications system (STACOM) is a high frequency single-side band radio system. For more information about STACOM, please refer to page 3-4.

¹ *These channels use Upper Sideband (USB) modulation. The frequency shown is the suppressed carrier reference frequency.*

² *Due to the effects of the high frequency propagation, there may be periods when communication is difficult or noisy. In addition, interference from other users, both domestic and foreign, may be expected at times as the State does not have any claim to the exclusive use of any HF frequencies assigned. Due to these problems, alternate frequencies have been assigned by the FCC.*

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Chapter 10 - Federal Interoperability Channels

Conditions for use of Federal Interoperability Channels

Federal incident response (IR) and law enforcement (LE) channels are available for use among Federal agencies and between Federal agencies and non-Federal entities with which Federal agencies have a requirement to operate. These channels may not be used for interoperability with other State, regional, or local radio stations and should not be used as a substitute for regular interoperability channels. Channels can be licensed to non-Federal entities to enable joint operations for IR and LE subject to the condition that federal agencies are involved in the incident, and they have requested interoperability with the non-Federal public safety radio users. IR and LE channels are restricted to interoperability communications and are not authorized for administrative or routine use.

Modes for using Federal Interoperability Channels

It is recommended that radio users use analog for all IR channels (CTCSS 167.9 Hz) and Law Enforcement (LE) channels LE A, LE 1, LE B, LE 10, and LE 16 (CTCSS 167.9 Hz). P25 digital should be used for the remaining LE channels, NAC \$68F. CTCSS should always be transmitted on the analog channels, but carrier squelch (CSQ, no CTCSS) should be used on receive. Radio users should consider enabling or disabling CTCSS on receive by a switch or button; otherwise, they should use CSQ on receive.

The National Interoperability Field Operations Guide (NIFOG) is the national guide for possible use in a situation where no other radio interoperability arrangement was promulgated by local authorities, or where emergency responders are unaware of such an arrangement. The NIFOG does NOT supersede any federal, state, tribal, territorial, local, or regional emergency communications plan. If you are dispatched to a disaster or incident scene and have no other information on how to contact other emergency responders, the NIFOG provides useful suggestions for which frequencies to use to attempt initial contact.

For more information on Federal Interoperability Channels, please refer to the National Interoperability Field Operations Guide (NIFOG).

| Federal VHF Incident Response (IR) | | | | |
|--|---------|-------------------------------|--------------------------------|-------------------------------|
| Recommended Use (Subject to availability and local plans) | NTIA ID | Note | Mobile RX (MHz) (Output) | Mobile TX (MHz) (Input) |
| Incident Calling | NC 1 | Calling | 169.5375 | 164.7125 |
| Incident Command 1 | IR 1 | | 170.0125 | 165.2500 |
| Medical Evacuation Control | IR 2 | | 170.4125 | 165.9625 |
| Logistics Control | IR 3 | | 170.6875 | 166.5750 |
| Interagency Convoy | IR 4 | | 173.0375 | 167.3250 |
| Incident Calling (Direct) | IR 5 | Direct for NC 1 Calling | 169.5375 | 169.5375 |
| Incident Command 1 (Direct) | IR 6 | Direct for IR 1 | 170.0125 | 170.0125 |
| Medical Evacuation Control (Direct) | IR 7 | Direct for IR 2 | 170.4125 | 170.4125 |
| Logistics Control (Direct) | IR 8 | Direct for IR 3 | 170.6875 | 170.6875 |
| Interagency Convoy (Direct) | IR 9 | Direct for IR 4 | 173.0375 | 173.0375 |
| <i>Default operations should be carrier squelch receive; CTCSS 167.9 transmit. If the user can enable/disable without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable.</i> | | | | |

| Federal UHF Incident Response (IR) | | | | |
|--|---------|-------------------------------|--------------------------------|-------------------------------|
| Recommended Use (Subject to availability & local plans) | NTIA ID | Note | Mobile RX (MHz) (Output) | Mobile TX (MHz) (Input) |
| Incident Calling | NC 2 | Calling | 410.2375 | 419.2375 |
| Ad Hoc Assignment | IR 10 | | 410.4375 | 419.4375 |
| Ad Hoc Assignment | IR 11 | | 410.6375 | 419.6375 |
| SAR Incident Command | IR 12 | | 410.8375 | 419.8375 |
| Ad Hoc Assignment | IR 13 | | 413.1875 | 413.1875 |
| Interagency Convoy | IR 14 | | 413.2125 | 413.2125 |
| Incident Calling (Direct) | IR 15 | Direct for NC 2 Calling | 410.2375 | 410.2375 |
| Ad Hoc Assignment (Direct) | IR 16 | Direct for IR 10 | 410.4375 | 410.4375 |
| Ad Hoc Assignment (Direct) | IR 17 | Direct for IR 11 | 410.6375 | 410.6375 |
| SAR Incident Command (Direct) | IR 18 | Direct for IR 12 | 410.8375 | 410.8375 |
| <i>Default operations should be carrier squelch receive; CTCSS 167.9 transmit. If the user can enable/disable without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable.</i> | | | | |

| Federal VHF Law Enforcement (LE) | | | | |
|--|-------------------|-----------------|--------------------------|-------------------------|
| Type | NTIA ID | Note | Mobile RX (MHz) (Output) | Mobile TX (MHz) (Input) |
| CALL | LE A ¹ | Analog | 167.0875 | 167.0875 |
| TAC | LE 1 ¹ | Analog | 167.0875 | 162.0875 |
| TAC | LE 2 | | 167.2500 | 162.2625 |
| TAC | LE 3 | | 167.7500 | 162.8375 |
| TAC | LE 4 | | 168.1125 | 163.2875 |
| TAC | LE 5 | | 168.4625 | 163.4250 |
| TAC | LE 6 | Direct for LE 2 | 167.2500 | 167.2500 |
| TAC | LE 7 | Direct for LE 3 | 167.7500 | 167.7500 |
| TAC | LE 8 | Direct for LE 4 | 168.1125 | 168.1125 |
| TAC | LE 9 | Direct for LE 5 | 168.4625 | 168.4625 |
| ¹ LE A and LE 1 are analog, with CTCSS 167.9 Tx and CSQ Rx. All other LE channels are digital with NAC \$68F. | | | | |

| Federal UHF Law Enforcement (LE) | | | | |
|---|--------------------|------------------------------|--------------------------|-------------------------|
| Type | NTIA ID | Note | Mobile RX (MHz) (Output) | Mobile TX (MHz) (Input) |
| CALL | LE B ¹ | Analog | 414.0375 | 414.0375 |
| TAC | LE 10 ¹ | Analog | 409.9875 | 418.9875 |
| TAC | LE 11 | | 410.1875 | 419.1875 |
| TAC | LE 12 | | 410.6125 | 419.6125 |
| TAC | LE 13 | | 414.0625 | 414.0625 |
| TAC | LE 14 | | 414.3125 | 414.3125 |
| TAC | LE 15 | | 414.3375 | 414.3375 |
| TAC | LE 16 ¹ | Direct for LE 10 – Analog | 409.9875 | 409.9875 |
| TAC | LE 17 | Direct for LE 11 | 410.1875 | 410.1875 |
| TAC | LE 18 | Direct for LE 12 | 410.6125 | 410.6125 |
| ¹ LE B, LE 10, and LE 16 are analog, with CTCSS 167.9 Tx and CSQ Rx. All other LE channels are digital with NAC \$68F. | | | | |

| Federal/Non-Federal Search and Rescue Command | | | |
|---|---|---|--|
| ID ¹ | Mobile RX (MHz) (Output) | Mobile TX (MHz) (Input) | CTCSS |
| IR 12 | 410.8375 | 419.8375 | 167.9 Tx, CSQ Rx |
| VTAC14 | 159.4725 | 159.4725 | 156.7 Tx, CSQ Rx (156.7 Rx if user selectable) |
| UTAC43 | 453.8625 | 458.8625 | 156.7 Tx, CSQ Rx (156.7 Rx if user selectable) |
| VHF Marine Channel 17 ² | 156.8500 (this use requires FCC Special Temporary Authority) | 156.8500 (this use requires FCC Special Temporary Authority) | NONE |
| ¹ If a repeater is not available, substitute the corresponding talk around channels: IR 18 for IR 12, UTAC43D for UTAC43, 8TAC94D for 8TAC94 ² VHF Marine channel 17 is wideband FM, emission 16K00F3E | | | |

| Federal/Non-Federal Search and Rescue Operations | |
|---|--|
| SAR Function | Frequency (MHz) |
| Ground Operations | 155.1600 (VSAR16) VHF Narrowband |
| Maritime Operations ¹ | 157.0500 or 157.1500 (VHF Marine ch.21A or 23A) as specified by U.S. Coast Guard (USCG) Sector Commander |
| Air Operations – civilian | 123.1000 MHz AM (may not be used for tests or exercises) |
| Air Operations – USCG/Military | 345.0 MHz AM for initial contact only, then move to 282.8 MHz AM or other working channel |
| Air Rescue Assets to Air Rescue Assets (deconfliction) | As chartered on standard air chart or MULTICOM 122.850 (south or west sector) & 122.900 MHz (north or east sector), or as specified by the Federal Aviation Administration (FAA). 122.850 may not be used for tests or exercises |
| Ground to Air SAR Working Channel | 157.175 83A (21A, 23A, 81A alternates as specified by local USCG Sector Commander) |
| Ground to Maritime SAR Working Channel ² | 157.0500 21A (23A, 81A, and 83A alternate as specified by local USCG Sector Commander) |
| Maritime/Air/Ground SAR Working Channel ² | 157.1750 83A (21A, 23A, and 81A alternate as specified by local USCG Sector Commander) |
| EMS/Medical Support* | 155.3400 (VMED28) VHF Narrowband |
| Hailing ¹ & DISTRESS only – Maritime/Air/Ground | 156.8000 VHF Marine channel 16 |
| ¹ Use VHF Marine channel 16 to make contact (30 seconds max), then move to the appropriate working channel as directed by the local USCG Sector Commander. Non-maritime use of any VHF Maritime channel requires FCC Special Temporary Authority or appropriate license. VHF marine channels use wideband FM. Emission 16K00F3E ² VHF Marine channels: 21A = 157.0500 23A = 157.1500 81A = 157.0750 83A = 157.1750 MHz Directions from USCG, FCC, or FAA overrides information in this table. This table does not convey authority to operate. | |

The 25 Cities Project Federal Interoperability Channels

The 25 Cities Federal Interoperability Channels are VHF channels that use FBI fixed infrastructure to provide wide area coverage for federal, state, and local public safety users. There are currently 56 channels, overseen by 31 FBI Field Offices. The primary use of the channels is for interoperable communications during both pre-planned and emergency events. The channels may also be available for internal agency communications. All pre-planned use must be coordinated with the local FBI Telecommunications Manager. All federal, state, and local public safety agencies are encouraged to program the 25 Cities frequencies into their land mobile radio subscriber devices. Most 25 Cities VHF channels are accessible by non-VHF users via permanent or ad hoc patching capabilities provided to many agencies as part of the 25 Cities Project.

To program the channels, please request the complete list of 25 Cities frequencies from the 25 Cities Program Manager:

Brian Zuniga, DOJ / FBI
703-985-1165
BOZUNIGA@FBI.GOV

For specific information about a particular channel, please contact the FBI Telecommunications Manager, at the provided FBI Field Office telephone number.

| California 25 Cities Project Federal Interoperability Channels | |
|--|--|
| City | Channel Name |
| Los Angeles 310-477-6565 | LA FIO1 VHF P25 350 watt voted repeater systems - 8 receive sites |
| | LA FIO2 VHF P25 350 watt voted repeater systems - 8 receive sites |
| | LA FIO3 VHF P25 350 watt voted repeater systems - 8 receive sites |

| California 25 Cities Project Federal Interoperability Channels | |
|--|---|
| San Diego 858-320-5380 | CALLAW1 VHF narrowband analog simplex voted receive systems with transmitters controlled by RCS dispatcher. 9 receive sites |
| | VLAW31 VHF narrowband analog simplex voted receive systems with transmitters controlled by RCS dispatcher. 9 receive sites |
| | CALAW8 800 MHz analog NPSPAC standard (16K0F3E) simplex voted receive systems with transmitters controlled by RCS dispatcher. 10 receive sites |
| | CAFIRE1 800 MHz analog NPSPAC standard (16K0F3E) simplex voted receive systems with transmitters controlled by RCS dispatcher. 10 receive sites |
| San Francisco 415-553-7400 | SF FED-ED / SF FED-ES / SF FED-ET / SF FED-EW (Diablo / San Bruno / Tam / Weideman) VHF P25 multicast 4 x 125 watt voted repeater system -10 receive sites |
| | SF MA-V / SF MA-U (Twin Peaks) 1X VHF P25, 1X UHF P25 125 watt standalone repeaters. These two repeaters are cross banded together |
| | SF FED-V / SF FED-U (Twin Peaks) 1X VHF P25, 1X UHF P25 125 watt standalone repeaters. These two repeaters are cross banded together |

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Chapter 11 - Statewide Interoperability Gateways

Guidelines for Interoperability Channel Patching

1. Notify Cal OES Telecommunications Duty Officer of any interoperability frequency needs.
2. Always secure permission from licensee before patching.
3. Consider terrain and other agencies affected and potential interference before patching.
4. Patching should usually be accomplished on tactical or command channels.
5. Always indicate patched channels on the ICS-205.
6. Because of co-channel interference and receiver desensitization, patching from a vehicle should be limited to one channel on low-band, VHF-high, UHF, and 800 MHz due to rooftop antenna separation issues.
7. Generally, use low RF power when patching channels to reduce interference.
8. Continually monitor all patched channels for interference and other technical problems.
9. Only patch channels as long as necessary.
10. Always announce on the effected channels when the patch is brought up, brought down and when channels are added, or removed from the patch.

| Cal OES Mobile Interoperability Gateway Units (MIGUs) | | | |
|---|---------------------|--|----------------------------------|
| MIGU | Location | Address | Phone |
| MIGU-1 Mutual-Aid Region 1 | Los Alamitos | 4671 Liberty Avenue, Los Alamitos, CA 90720 | (916) 845-8911 |
| MIGU-2 Mutual-Aid Region 2 | San Mateo County | 400 County Center Redwood City, CA 94063 | (650) 245-2686 |
| MIGU-3 Mutual-Aid Region 3 | Shasta County SO | 300 Park Marina Circle Redding, CA 96001 | (530) 245-6059 (530) 245-6000 |

| Cal OES Mobile Interoperability Gateway Units (MIGUs) | | | |
|---|-----------------------------|--|----------------|
| MIGU | Location | Address | Phone |
| MIGU-4 Cal OES HQ | Mather | 3650 Schriever Ave, Mather, CA 95655 | (916) 845-8911 |
| MIGU-5 | Fresno County | 1055 Goldens State Blvd, Selma, CA | (559) 600-3111 |
| MIGU-6 Mutual-Aid Region 6 | San Bernardino County | 655 East Third Street San Bernardino, CA 92415 | (909) 387-0696 |
| ALL UNITS AVAILABLE THROUGH REQUEST TO THE CALIFORNIA STATE WARNING CENTER AT (916) 845-8911. Appropriate discipline (Fire, Law, EMS) contact will be notified for Mission Request and the Telecommunications Duty Officer will be notified. | | | |

| California Highway Patrol Raytheon JPS ACU-1000 Gateways in Mobile Communications Command Center (MCCC) | | |
|--|---|--------------|
| Location | Address | Phone |
| MCCC - South | 2901 West Broadway, Los Angeles, CA 90041-1002 | 323-259-3410 |
| MCCC-North | 3950 Interstate 80 Fairfield, CA 94534-9601 | 916-731-6551 |

| California Highway Patrol Raytheon JPS ACU-1000 Gateways in Communications Centers | | |
|---|--|--|
| Location | Address | Phone |
| Headquarters | 601 North 7th Street, Sacramento, CA 95811 | (916) 843-4199 |
| Bakersfield | 9855 Compagnoni Street, Bakersfield, CA 93313 | (661) 827-5400 |
| Barstow | 300 E. Mountain View Street, Barstow, CA 92311 | (760) 255-8750 |
| Bishop | 469 S. Main Street, Bishop, CA 93514 | (760) 872-5900 |
| Border | 7183 Opportunity Road, San Diego, CA 92111 | (858) 637-3800 |
| Capitol | 1021 O Street, Suite 3710, Sacramento, CA 95814 | (916) 445-2895 |
| Chico | 413 Southgate Avenue, Chico, CA 95928 | (530) 332-1200 |
| El Centro | 2331 Highway 86, Imperial, CA 92251 <i>*Will have new address 5/2023</i> | (760) 482-2550 <i>*Phone # will stay same with move</i> |
| Fresno | 1380 E Fortune Ave, Fresno, CA 93725 | (559) 262-0400 |
| Golden Gate | 1551 Benicia Road, Vallejo, CA 94591 | (707) 641-8300 |
| Humboldt | 1656 Union Street, Eureka, CA 95501 | (707) 268-2000 |
| Indio | 79-650 Varner Road, Indio, CA 92203 | (760) 772-8900 |
| Inland | 13892 Victoria Street, Fontana, CA 92336 | (909) 428-5400 |
| Los Angeles | 2901 W Broadway, Los Angeles, CA 90041 | (323) 259-3200 |
| Merced | 1500 Bell Drive, Atwater, CA 95301 | (209) 356-2900 |
| Monterey | 960 E. Blanco Road, Salinas, CA 93901 | (831) 796-2160 |

| California Highway Patrol Raytheon JPS ACU-1000 Gateways in Communications Centers | | |
|---|---|----------------|
| Location | Address | Phone |
| Orange County | 6681 Marine Way, Irvine, CA 92618 | (949) 784-6700 |
| Redding | 2503 Cascade Blvd., Redding, CA 96003 | (530) 242-3210 |
| Sacramento | 3165 Gold Valley Drive, Rancho Cordova, CA 95670 | (916) 861-1300 |
| San Luis Obispo | 675 California Blvd., San Luis Obispo, CA 93401 | (805) 593-3333 |
| Stockton | 2720 Wilcox Road, Stockton, CA 95215 | (209) 943-8600 |
| Susanville | 472-400 Diamond Crest Rd., Susanville, CA 96130 | (530) 252-1900 |
| Ukiah | 540 South Orchard Avenue, Ukiah, CA 95482 | (707) 467-4000 |
| Ventura | 4656 Valentine Road, Ventura, CA 93003 | (805) 477-4174 |
| Yreka | 1739 South Main Street, Yreka, Ca 96097 | (530) 841-6000 |

Chapter 12 - NOAA Weather Radio (NWR) “All Hazards” Broadcasts

NWR broadcasts National Weather Service (NWS) warnings, watches, forecasts, and other non-weather-related hazard information 24 hours a day. Frequencies listed below are used in the US & Canada. These channels should be programmed as analog wideband FM (16K0F3E) RECEIVE ONLY. Tone Alarm: NWS will send a 1050 Hz tone alarm before broadcasting most warnings and many watch messages. The alarm will activate all the receivers equipped to receive it, even if the audio is turned off. This is especially useful for warnings during the night.

<https://www.weather.gov/nwr/>

| United States & Canada - Weather Radio Broadcasts Receive Only | | | | | | |
|---|----------|----------|----------|----------|----------|----------|
| 162.4000 | 162.4250 | 162.4500 | 162.4750 | 162.5000 | 162.5250 | 162.5500 |

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| 162.4000 | 162.4250 | 162.4500 | 162.4750 | 162.5000 | 162.5250 | 162.5500 |
|----------|----------|----------|----------|----------|----------|----------|

NOAA Weather Radio outages or transmitter problems:

Listings <https://www.weather.gov/nwr/outages>

Report form https://www.weather.gov/nwr/nwr_outage_report or

Call 1-888-886-1227 or email nwroustage@noaa.gov

Marine Weather Broadcasts - United States Coast Guard

The U.S. Coast Guard broadcasts coastal forecasts and storm warnings of interest to mariners on VHF channel 22A (157.1000

MHz) following an initial announcement on VHF channel 16 (156.8000 MHz). For broadcast times and sector listings:

https://www.weather.gov/marine/uscg_broadcasts

Continuous Marine Broadcasts – Canadian Coast Guard

The Canadian Coast Guard broadcasts marine weather information, provided by Environment Canada, in certain coastal locations on the Atlantic and Pacific Coasts, as well as the coastal areas of the Great Lakes primarily on these channels:

VHF Marine Channel 21b (161.6500 MHz) and VHF Marine Channel 83b (161.7750 MHz)

NWR Station Listing for California

| Site Name | Transmitter Name | Call Sign | Freq | PWR | WFO |
|----------------------|----------------------|-----------|---------|-----|---------------|
| Eureka | Mt. Pierce | KEC82 | 162.400 | 330 | Eureka, CA |
| Point Arena | Cold Springs Peak | KIH30 | 162.550 | 330 | Eureka, CA |
| Horse Mtn | Willow Creek | WZ2550 | 162.450 | 150 | Eureka, CA |
| Ukiah | Laughlin Range | WNG720 | 162.525 | 300 | Eureka, CA |
| Yosemite | Turtleback Dome | KAD94 | 162.450 | 80 | Hanford, CA |
| El Paso Mtns | Ridgecrest | WNG659 | 162.425 | 300 | Hanford, CA |
| Bakersfield | Shirley Peak | WXL89 | 162.550 | 100 | Hanford, CA |
| Fresno | Bear Mtn. | KIH62 | 162.400 | 300 | Hanford, CA |
| Bishop | Bishop | WZ2524 | 162.425 | 100 | Las Vegas, NV |
| Contra Costa County | Mt. Diablo | WNG655 | 162.425 | 100 | Monterey, CA |
| Sonoma County | Sonoma County | WZ2504 | 162.475 | 300 | Monterey, CA |
| Monterey | Mt. Umunhum | KEC49 | 162.550 | 330 | Monterey, CA |
| Big Rock Ridge | N. San Francisco Bay | KDX54 | 162.500 | 100 | Monterey, CA |
| San Francisco | Mount Pise | KHB49 | 162.400 | 500 | Monterey, CA |
| Monterey Marine | Mt. Umunhum | WWF64 | 162.450 | 100 | Monterey, CA |
| Santa Barbara Marine | Broadcast Peak | WWF62 | 162.475 | 100 | Oxnard, CA |
| San Simeon | Hearst Castle | WNG592 | 162.525 | 100 | Oxnard, CA |
| Santa Barbara | Broadcast Peak | KIH34 | 162.400 | 330 | Oxnard, CA |
| San Luis Obispo | Cuesta Peak | KIH31 | 162.550 | 330 | Oxnard, CA |
| Sandberg | Los Angeles County | WZ2505 | 162.425 | 100 | Oxnard, CA |
| Malibu Marine | Point Dume | KWL22 | 162.425 | 300 | Oxnard, CA |
| Avalon | Catalina Island | WNG584 | 162.525 | 100 | Oxnard, CA |
| Los Angeles | Mt. Lukens | KWO37 | 162.550 | 300 | Oxnard, CA |

| Site Name | Transmitter Name | Call Sign | Freq | PWR | WFO |
|--------------------------------|------------------|-----------|---------|-----|----------------|
| Yuma | Black Mtn. | WXL87 | 162.550 | 100 | Phoenix, AZ |
| Conway Summit (OUT OF SERVICE) | Bridgeport | WNG595 | 162.525 | 300 | Reno, NV |
| Sacramento | Fairplay | KEC57 | 162.550 | 330 | Sacramento, CA |
| Redding | South Fork Mtn. | WXL88 | 162.550 | 100 | Sacramento, CA |
| Grass Valley | Wolf Creek Mtn. | WWF67 | 162.400 | 100 | Sacramento, CA |
| San Diego | Mt. Woodson | KEC62 | 162.400 | 100 | San Diego, CA |
| Coachella | Riverside County | KIG78 | 162.400 | 100 | San Diego, CA |
| Victorville | San Bernardino | WXM66 | 162.500 | 100 | San Diego, CA |
| Coachella / Spanish | Riverside County | WNG712 | 162.525 | 120 | San Diego, CA |
| Santa Ana | Beeks Place | WWG21 | 162.450 | 100 | San Diego, CA |
| San Diego Marine | Mount Soledad | WNG637 | 162.425 | 100 | San Diego, CA |

NOAA Weather Radio Transmitters



Chapter 13 - Contact Information

| Cal OES Contact Information | |
|---|----------------|
| Cal OES Warning Center 24-hour number | (916) 845-8911 |
| Cal OES Telecommunications Duty Officer | (916) 845-8911 |

| Auxiliary Communications Service |
|---|
| <p><i>Cal OES's Auxiliary Communications Services Program (ACS) operates as the State Radio Amateur Civil Emergency Service (RACES) Unit. For more information, please visit www.caloes.ca.gov and search "ACS". For ACS support during an emergency, call the Cal OES Warning Center at (916) 845-8911.</i></p> |

| Law Enforcement Mutual Aid Administrative Regions (916) 845-8700 or (916) 845-8911 | |
|---|--|
| Region I | Los Angeles and Orange Counties |
| Region I A | San Luis Obispo, Santa Barbara, and Ventura Counties |
| Region II | Alameda, Contra Costa, Del Norte, Humboldt, Lake, Napa, Marin, Mendocino, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties |
| Region III | Butte, Colusa, Glenn, Lassen, Modoc, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties |
| Region IV | Alpine, Amador, Calaveras, El Dorado, Nevada, Placer, Sacramento, San Joaquin, Stanislaus, Tuolumne, and Yolo Counties |
| Region V | Madera, Mariposa, Merced, Fresno, Kern, Kings, and Tulare Counties |
| Region VI | Imperial, Inyo, Mono, Riverside, San Bernardino, and San Diego Counties |

| Fire and Rescue Mutual Aid Regions | |
|--|--|
| Region I (805) 445-1166 | Los Angeles, Orange, San Luis Obispo, Santa Barbara, and Ventura Counties |
| Region II (925) 245-0420 | Alameda, Contra Costa, Del Norte, Humboldt, Lake, Napa, Marin, Mendocino, Monterey, Napa, San Francisco, San Mateo, San Benito, Santa Clara, Santa Cruz, Solano, and Sonoma Counties |
| Region III (530) 345-4643 | Butte, Colusa, Glenn, Lassen, Modoc, Plumas, Shasta, Sierra Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties |
| Region IV (916) 845-8476 | Alpine, Amador, Calaveras, El Dorado, Nevada, Placer, Sacramento, San Joaquin, Stanislaus, Tuolumne, and Yolo Counties |
| Region V (209) 966-5460 | Fresno, Kings, Kern, Madera, Mariposa, Merced, Tulare Counties |
| Region VI (951) 320-2106 | Imperial, Inyo, Mono, Riverside, San Bernardino, and San Diego Counties |

| California Highway Patrol | |
|--|---|
| Emergency Notification and Tactical Alert Center (ENTAC) 24-hour number | (916) 843-4199 (916) 524-7932 (cell) |

| Caltrans | |
|--|----------------|
| Headquarters 24-hour Communications Center 1120 "N" Street, Room 3220 Sacramento, CA 95814 | (916) 653-3442 |

| Caltrans Transportation Management Centers (TMC) | | |
|--|--|--|
| District | Address/Phone | Operation Hours |
| District 1 | 1656 Union Street Eureka, CA 95501 Telephone: (707) 441-5747 | 16 hours Monday through Friday, covering commute hours, and seasonally 24/7 during storms. |

| Caltrans Transportation Management Centers (TMC) | | |
|--|---|--|
| District | Address/Phone | Operation Hours |
| District 2 | 1657 Riverside Drive Redding, CA 96001 Telephone: (530) 225-3016 | 16 hours Monday through Friday, covering commute hours, and seasonally 24/7 during storms. |
| District 3 | 3165 Gold Valley Drive Rancho Cordova, CA 95742 Telephone: (916) 859-7900 | 24/7 |
| District 4 | 111 Grand Avenue Oakland, CA 94612 Telephone: (510) 286-6914 | 24/7 |
| District 5 | 50 Higuera Street San Luis Obispo, CA 93401 Telephone: (805) 549-3212 | 12 hours Monday through Friday covering commute hours, and seasonally 24/7 during storms. |
| District 6 | 1352 West Olive Avenue Fresno, CA 93728 Telephone: (559) 445-6166 | 24/7 |
| District 7 | 2901 West Broadway Los Angeles, CA 90041 Telephone: (323) 259-1922 | 24/7 |
| District 8 | 13892 Victoria Street Fontana, CA 92336 Telephone: (909) 356-3711 | 24/7 |
| District 9 | 500 South Main Bishop, CA 93514 Telephone: (760) 872-0718 | 12 hours Monday through Friday covering commutes hours, and seasonally 24/7 during storms. |
| District 10 | 1976 E. Dr. Martin Luther King Jr. Boulevard, Stockton, CA 95205 Telephone: (209) 948-7556 | 24/7 |
| District 11 | 7183 Opportunity Road San Diego, CA 92111 Telephone: (858) 467-3090 | 24 hours Monday through Friday, and seasonally 24/7 during storms. |
| District 12 | 6681 Marine Way Irvine, CA 92618 (949) 936-3600 | 24/7 |

| Cellular Utilities | |
|---|---|
| Verizon Communications Response Team | Nationwide 24/7/365 Support Line: (800) 981-9558 https://www.verizon.com/business/solutions/public-sector/public-safety/programs/verizon-response-team/ |
| AT&T Western Region Command Center | 24-hour Number: (800) 832-6662 |
| AT&T Global Legal Demand Center | (800) 635-6840 Select option 4 |
| FirstNet Built with AT&T | 24/7/365 FirstNet Help Desk: (800) 574-7000 https://www.firstnet.com/ |
| T-Mobile Emergency Response Team | Dedicated Support Line: (888) 639-0020 GETS Users: (254) 295-2220 Email: ERTRequests@T-Mobile.com |
| CISA National Coordinating Center | (703) 235-5080 |

Chapter 14 - Satellite Communication Systems

OASIS - Operational Area Satellite Information Service

Cal OES operates an 84 endpoint network of Ku Band fixed and transportable terminals.

Among the transportable assets are six Mobile Interoperability Gateway Units (MIGUs), one quartered in each of the six Mutual Aid Regions. Along with satellite reach back communications and VoIP telephones, these units are equipped with radio interoperability switches and radios on public safety bands VHF through 800 MHz.

Subject to availability, The MIGUs can be mission tasked through the Cal OES Warning Center.

OASIS Network Operations Center

| | |
|--------------------|------------------|
| Via an OASIS Phone | 3-1602 or 6-1602 |
|--------------------|------------------|

OASIS Phone Network Directory (rev. 11/2019)

| | | |
|------------|------------------------------|----------------------|
| Mather Hub | PSTN Access into OASIS | (916) 912-4685 |
| Mather Hub | OASIS Access Out to the PSTN | Dial 10 digit number |

OASIS Phone Network Directory (rev. 11/2019)

| Site Location | Host Name | Extensions |
|--------------------------------|-------------|-----------------|
| Alameda County OES | alameda | 2-0901 - 2-0908 |
| Alpine County Sheriff's Office | alpine | 4-5001 - 4-5008 |
| Amador County OES | amador | 4-5101 - 4-5108 |
| Butte County | butte | 3-6301 - 3-6308 |
| Calaveras County | calaveras | 4-5901 - 4-5908 |
| Colusa County OES | colusa | 3-5801 - 3-5808 |
| Contra Costa County OES | contracosta | 2-1101 - 2-1108 |

OASIS Phone Network Directory (rev. 11/2019)

| Site Location | Host Name | Extensions |
|--|-----------|--|
| Del Norte County Sheriff's Office | delnorte | 2-4401 - 2-4408 |
| El Dorado County OES El Dorado County Sheriff's OES Sheriff's Dispatch 24 hr. OES Deputy Sheriff's OES Sgt. OES Lt. | eldorado | 4-2501 - 4-2508 4-2501 4-2502 & 4-2504 4-2503 4-2505 |
| Fresno County EMS Dispatch | fresno | 5-5201 - 5-5208 |
| Glenn County Sheriff's Office | glenn | 3-5701 - 3-5708 |
| Humboldt County OES | humboldt | 2-1201 - 2-1208 |
| Imperial County OES | imperial | 6-2601 - 6-2608 |
| Inyo County Sheriff's Administrative Facility | inyo | 6-2701 - 6-2708 |
| Kern County Fire Dispatch ECC | kern | 5-2801 - 5-2808 |
| Kings County | kings | 5-5301 - 5-5308 |
| Lake County | lake | 2-2901 - 2-2908 |
| Lassen County | lassen | 3-6501 - 3-6508 |
| Los Angeles City OES | lacityoes | 6-1301 - 6-1308 |
| Los Angeles County Emergency Operations Center | laeoc | 6-1401 - 6-1408 |
| Madera County Sheriff's Office | madera | 5-4901 - 5-4908 |
| Marin County OES | marin | 2-0301 - 2-0308 |
| Mariposa County Sheriff's Office | mariposa | 5-6701 - 5-6708 |
| Mendocino County Emergency Service Authority | mendocino | 2-4501 - 2-4508 |
| Merced County | merced | 5-6001 - 5-6008 |
| Modoc County Sheriff's Office | modoc | 3-5601 - 3-5608 |

| OASIS Phone Network Directory (rev. 11/2019) | | |
|---|---------------|-----------------|
| Site Location | Host Name | Extensions |
| Mono County OES | mono | 6-3001 - 6-3008 |
| Monterey County | monterey | 2-3101 - 2-3108 |
| Napa County | napa | 2-3201 - 2-3208 |
| Nevada County Sheriff's Department | nevada | 4-3301 - 4-3308 |
| Orange County Sheriff-Coroner Dept. | orangesheriff | 6-1501 - 6-1508 |
| Placer County Emergency Operations Center | placer | 4-3401 - 4-3408 |
| Plumas County | plumas | 3-6401 - 3-6408 |
| Riverside County Emergency Services | riverside | 6-0601 - 6-0608 |
| Sacramento County Emergency Operations Center | sac-eeo | 4-3501 - 4-3508 |
| San Benito County | sanbenito | 2-3601 - 2-3608 |
| San Bernardino County Emergency Ops. Center | sanbern-eoc | 6-0801 - 6-0808 |
| San Diego County Emergency Ops. Center | sandiego | 6-0701 - 6-0708 |
| San Francisco OES | sanfran | 2-0501 - 2-0508 |
| San Joaquin County OES | sanjoaquin | 4-1601 - 4-1608 |
| San Luis Obispo County | sanluisobispo | 6-4601 - 6-4608 |
| San Mateo County Sheriff's OES | sanmateooes | 2-1701 - 2-170 |
| Santa Barbara County OES | santabarbara | 6-1801 - 6-1808 |
| Santa Clara County OES | santaclara | 2-1901 - 2-1908 |
| Santa Cruz County | santacruz | 2-0401 - 2-0408 |
| Shasta County - Shascom | shascom | 3-3701 - 3-3708 |
| Sierra County Sheriff's Office | sierra | 3-6801 - 3-6808 |

| OASIS Phone Network Directory (rev. 11/2019) | | |
|--|------------|-----------------|
| Site Location | Host Name | Extensions |
| Siskiyou County Sheriff's Office | siskiyou | 3-5501 - 3-5508 |
| Solano County Sheriff's Office | solano | 2-3801 - 2-3808 |
| Sonoma County OES | sonoma | 2-2001 - 2-2008 |
| Stanislaus County | stanislaus | 4-4701 - 4-4708 |
| Sutter County Sheriff's Office | sutter | 3-6201 - 3-6208 |
| Tehama County OES | tehama | 3-3901 - 3-3908 |
| Trinity County Sheriff's Office | trinity | 3-6601 - 3-6608 |
| Tulare County - California Dept. of Forestry | tulare | 5-5401 - 5-5408 |
| Tuolumne Co Sheriff's Office | tuolumne | 4-6101 - 4-6108 |
| Ventura County Sheriff's Department | ventura | 6-2101 - 6-2108 |
| Yolo OES | yolo oes | 4-4001 - 4-4008 |
| Yuba County OES | yuba | 3-4101 - 3-4108 |

| Special Units | | |
|--|----------------|-----------------|
| Site Location | Host Name | Extensions |
| California Institute of Technology Seismological Lab Los Angeles | caltech-seismo | 6-1001 - 6-1008 |
| US Geological Survey (Menlo Park) | sanmateousgs | 2-7101 - 2-7108 |
| UC Berkeley | ucberkeley | 2-7001 - 2-7008 |
| State Military Department - National Guard - Sacramento | sacnatlguard | 4-7201 - 4-7208 |
| Riverside County - Firescope | riverfscope | 6-4801 - 6-4808 |
| Shasta County - Firescope North | firescopenorth | 3-0201 - 3-0208 |

| Special Units | | | |
|--|------------|-------------------------|-----------------|
| Cal OES HQ Mather | | | |
| Site Location | Host Name | Location | Extensions |
| Sacramento Mather OES HQ CSWC | oescswc | State Warning Center | 8-0401 & 8-0402 |
| SOC Director / Deputy Director | oessoc | SOC Bldg. A | 8-0406 |
| SOC Plans & Intelligence Chief | oessoc | SOC Bldg. A | 8-0405 |
| SOC Administration & Finance Chief | oessoc | SOC Bldg. A | 8-0404 |
| SOC Operations Chief | oessoc | SOC Bldg. A | 8-0408 |
| SOC Mission Coordinator | oessoc | SOC Bldg. A | 8-0407 |
| SOC Logistics Chief | oessoc | SOC Bldg. A | 8-0403 |
| SOC DOT/CALTRANS Representative | oessoc | SOC Bldg. A | 8-0415 |
| Law EOC | oeslaweoc | 2nd FL Bldg. A | 8-0411 |
| Fire EOC | oesfireeoc | 2nd FL Bldg. A | 8-0410 |
| Executive Conference Room | oesexec | 2nd FL Bldg. B | 8-0412 |
| State Operations Communications Center | oessocc | SOCC Rm A132 | 8-0414 |
| Tcomm OASIS Test Circuit | oestcmtest | Bldg. A Radio Vault | 8-0424 |

| Cal OES Southern Region | | | |
|-------------------------------------|-------------|---------------------|------------|
| Site Location | Host Name | Location | Extensions |
| SREOC Director | oessouthern | REOC Bldg. 283 | 8-0301 |
| SREOC Deputy Director | oessouthern | REOC Bldg. 283 | 8-0302 |
| SREOC Operations Chief | oessouthern | REOC Bldg. 283 | 8-0303 |
| SREOC SIT/STAT Unit Leader | oessouthern | REOC Bldg. 283 | 8-0304 |
| SREOC Personnel | oessouthern | REOC Bldg. 283 | 8-0305 |
| SREOC Procurement | oessouthern | REOC Bldg. 283 | 8-0306 |
| SREOC Resource Tracking | oessouthern | REOC Bldg. 283 | 8-0307 |
| SREOC Logistics Chief | oessouthern | REOC Bldg. 283 | 8-0308 |
| SREOC Deputy Operations Chief | oessouthern | REOC Bldg. 283 | 8-0309 |
| SREOC Care & Shelter Manager | oessouthern | REOC Bldg. 283 | 8-0310 |
| SREOC Construction Engineering | oessouthern | REOC Bldg. 283 | 8-0311 |
| SREOC Cal OES Fire & Rescue | oessouthern | REOC Bldg. 283 | 8-0312 |
| SREOC CALTRANS | oessouthern | REOC Bldg. 283 | 8-0313 |
| SREOC Cal OES Law | oessouthern | REOC Bldg. 283 | 8-0314 |
| SREOC California National Guard | oessouthern | REOC Bldg. 283 | 8-0315 |
| SREOC FEMA {spare floater} | oessouthern | REOC Bldg. 283 | 8-0316 |
| SREOC Regional Administrator Office | oessouthern | REOC Bldg. 283-East | 8-0317 |

| Cal OES Southern Region | | | |
|-------------------------------------|-------------|---------------------|------------|
| Site Location | Host Name | Location | Extensions |
| SREOC Regional Administrator Office | oessouthern | REOC Bldg. 283-East | 8-0318 |
| SREOC Conference Room | oessouthern | REOC Bldg. 283-East | 8-0319 |
| SREOC Conference Room | oessouthern | REOC Bldg. 283-East | 8-0320 |
| SREOC Conference Room | oessouthern | REOC Bldg. 283-East | 8-0321 |
| SREOC Conference Room | oessouthern | REOC Bldg. 283-East | 8-0322 |
| SREOC Communications Center | oessouthern | REOC Bldg. 283 | 8-0323 |
| SREOC Communications Unit Leader | oessouthern | REOC Bldg. 283 | 8-0324 |

| Cal OES Coastal Region | | | |
|-------------------------------|------------|-----------------------|------------|
| Site Location | Host Name | Location | Extensions |
| CR Communications Coordinator | oescoastal | Office Cube | 8-0101 |
| CREOC Logistics | oescoastal | REOC | 8-0106 |
| CREOC Ops/Plans | oescoastal | REOC | 8-0103 |
| CREOC Sit Stat | oescoastal | REOC | 8-0102 |
| CREOC Ops | oescoastal | Main Conference Rm | 8-0107 |
| CREOC Med | oescoastal | Central Cubes | 8-0104 |
| CREOC Plans | oescoastal | REOC | 8-0105 |
| CREOC Communications Center | oescoastal | Communications Center | 8-0108 |

| Cal OES Transportables | | | |
|---|-----------|-----------------------------|-----------------|
| Site Location | Host Name | Tech Extension ¹ | Extensions |
| Cal OES Comm 61 | comm61 | 7-6124 | 7-6101 - 7-6123 |
| Cal OES Comm 62 | comm62 | 7-6224 | 7-6201 - 7-6223 |
| Cal OES Comm 64 | comm64 | 7-6424 | 7-6401 - 7-6423 |
| Cal OES MIGU 1 | MIGU 1 | 7-6624 | 7-6601 - 7-6624 |
| Cal OES MIGU 2 | MIGU 2 | 7-6724 | 7-6701 - 7-6724 |
| Cal OES MIGU 3 | MIGU 3 | 7-6824 | 7-6801 - 7-6824 |
| Cal OES MIGU 4 | MIGU 4 | 7-6924 | 7-6901 - 7-6924 |
| Cal OES MIGU 5 | MIGU 5 | 7-7024 | 7-7001 - 7-7024 |
| Cal OES MIGU 6 | MIGU 6 | 7-7124 | 7-7101 - 7-7124 |
| ¹ Tech Work Line is never issued for customer use. | | | |

CT SATCOM

CT SATCOM – Caltrans Satellite Communication Network

Caltrans operates fixed satellite phones and mobile trailers with satellite communications for voice, data, and video.

| Caltrans Fixed Satellite (CT SATCOM) (916) 282-1812 | | |
|--|---------------------------------|-----------------|
| Site Location | Host Name | Extensions |
| Caltrans HQ, Sacramento | caltrans-hq | 4-2201 - 4-2208 |
| Caltrans District 4, Oakland | Caltran-d04 | 2-2301 - 2-2308 |
| Caltrans District 7, Los Angeles District Office TMC | caltrans-d07 caltrans-d07tmc | 6-2401 - 6-2408 |
| Caltrans District 8, San Bernardino District Office TMC | caltrans-d08 caltrans-d08tmc | 6-6901 - 6-6908 |

| Caltrans Mobile Satellite (CT SATCOM) (916) 282-1812 | | |
|--|-----------|------------|
| Site Location | Host Name | Extensions |
| Caltrans District 1, Fortuna | CTSATCOM1 | 0149-0172 |
| Caltrans District 3, Marysville | CTSATCOM3 | 0349-0372 |
| Caltrans District 4, Foster City | CTSATCOM4 | 0449-0472 |
| Caltrans District 7, Sylmar | CTSATCOM7 | 0749-0772 |

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Chapter 15 - GETS and WPS

Priority Telecommunications Services Programs

For assistance and information on all CISA Priority Telecommunications Services programs, contact the Priority Telecommunications Service Center at 1-866-627-2255, 703-676-2255, or support@priority-info.com

GETS – Govt. Emergency Telecommunications Service

<https://www.cisa.gov/about-pts>

(see next page for GETS access info)

WPS – Wireless Priority Service <https://www.cisa.gov/about-pts>

(see next page for WPS access info)

GETS and WPS provide priority on voice networks.

TSP – Telecommunications Service Priority

<https://www.cisa.gov/about-pts>

For restoration priority on circuits that have been enrolled in the TSP program, place a trouble ticket with the service provider; reminding of the TSP designation and providing the TSP authorization codes for the affected circuits. TSP restoration priority is available only for circuits that have been enrolled in the TSP program before the outage occurred.

For TSP provisioning priority (installation of a new circuit), contact the CISA Priority Telecommunications Service Center at 1-866-627-2255, 703-676-2255, or support@priority-info.com.

PTS Dialer

The “PTS Dialer” app provides a streamlined way of making priority calls. To download the PTS Dialer App, visit <https://gets-wps.csgov.com/apps>.

For PTS Dialer information:

https://www.cisa.gov/sites/default/files/publications/PTS%20Dialer_App_Factsheet_508_0.pdf

Government Emergency Telecommunications Service Card



Government Emergency Telecommunications Service

John Smith

State of Montana Highway Patrol

Dial Access Number: **1-710-627-4387**

After Tone, Enter PIN: *********

When Prompted, Dial: **Area Code + Number**

GETS

If your **1-710-627-4387** call fails,
try an alternate access number

1-888-288-4387

AT&T

1-877-646-4387

AT&T

1-855-333-4387[▲]

Sprint

1-800-900-4387[▲]

Verizon

1-855-400-4387[▲]

Verizon

[▲] Use for GETS calls to toll-free destination numbers

WIRELESS PRIORITY SERVICE

***272 + Area Code + Number + SEND**

From a WPS-Enabled Phone

www.cisa.gov/gets | www.cisa.gov/wps

Warning: For Official Use Only by Authorized Personnel

24 Hour Assistance

Help/trouble reporting

1-800-818-4387

or **703-818-4387**

Familiarization Calls

Make periodic GETS
and WPS test calls to

703-818-3924

U.S. Government Property

If found, return to:

DHS/CISA

245 Murray Lane SW

Mail Stop 0613

Washington, DC 20528

The Government Emergency Telecommunications Service (GETS) enables personnel to complete a phone call with high probability when normal calling methods are unsuccessful.

Wireless Priority Service (WPS) is a priority calling capability that greatly increases the probability of call completion during an event while using their cellular phone.

GETS/WPS User Assistance: **1-800-818-4387 OR 1-703-818-4387**

How to make a GETS Call

1. View PIN and the GETS access number on GETS Card.
2. Access outside telephone line and dial (710) 627-4387 (on cell phones: enter (710) 627-4387 and push SEND key).
3. The call will be routed to one of the three GETS carriers. It may take 60+ seconds to connect to a GETS carrier during heavy network congestion.
4. Listen for the tone, then enter the twelve digit PIN on front of GETS Card (do not enter # after last digit).
5. Listen for voice prompt: "Please enter your Destination Number now".
6. Enter the Destination Number (omit the 1 before the Area Code).
7. You will hear an announcement, "You are using GETS, "AT&T", "Sprint", or "Verizon". Network will route your call to the destination telephone number – may take 60+ seconds after the announcement to connect to Destination Number during heavy network congestion.

How to make a WPS Call

1. Confirm radio signal on WPS subscribed cell phone.
2. Enter *272 + Destination Number and push SEND key (example: *272 703 818 4387 + SEND).
3. Network will route call to the Destination Number –it may take 60+ seconds to connect the call. On most cell phones the screen will display *272 + the Destination Number. Some phones may display call status messages such as *call queued* and/or provide audible tones indicating the call has been queued.
4. If first attempt does not complete, end the call, and retry by pressing send key to auto redial; or add *272 prefix to emergency numbers stored in cell phone contact list for quick dialing. Some cell phones automatically retry calls that do not complete – the screen message will indicate if the phone is re-trying the call.

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Chapter 16 - Licensed Repeater Locations

MAR = Mutual Aid Region

| CALAW4 UHF (460.0250/465.0250 MHz) Licensed Repeater Locations | | | | | |
|---|---------------|------------------------------------|-----------|---------|---------|
| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
| 1 | Orange | Fullerton | WQFR948 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Res. | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Ortega Hwy Site | WQFR948 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | KBV892 | 156.7 | 156.7 |
| 2 | Alameda | Albany PD | KKG946 | | |
| 2 | Alameda | UC Berkeley | KQP502 | 162.2 | 162.2 |
| 2 | Contra Costa | Antioch | KNNF498 | 156.7 | 156.7 |
| 2 | Contra Costa | Martinez CC | KRX568 | 127.3 | 127.3 |
| 2 | Contra Costa | Walnut Creek PD | KZO392 | 156.7 | 156.7 |
| 2 | Marin | San Rafael | WQOP335 | 156.7 | 156.7 |
| 2 | Marin | Sonoma Mtn | WQOP335 | 156.7 | 156.7 |
| 2 | Monterey | Salinas | KTS628 | 146.2 | 146.2 |
| 2 | San Francisco | San Francisco Christmas Tree Pt | KQS275 | 167.9 | 167.9 |
| 2 | San Francisco | Twin Peaks CHP | KYJ331 | 131.8 | |
| | | | | | |
| 2 | Santa Clara | Santa Clara Co Disp | KTV807 | | |
| 2 | Solano | Vallejo CHP | WNVM904 | 127.3 | 127.3 |
| 2 | Sonoma | Santa Rosa PD | KMK981 | 127.3 | 127.3 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | Nevada | Truckee CHP | KAZ604 | CSQ | CSQ |
| 4 | Sacramento | Sacramento | KYK296 | 127.3 | 127.3 |
| 4 | San Joaquin | Lodi | KXU225 | 131.8 | 131.8 |
| 4 | San Joaquin | Stockton | KZF907 | 186.2 | 186.2 |

CALAW4 UHF (460.0250/465.0250 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 4 | Stanislaus | Modesto | WQP824 | 173.8 | 173.8 |
| 5 | Fresno | Clovis | KYI953 | | |
| 5 | Fresno | Fresno (2 locations) | WNBM858 | 136.5 | 136.5 |
| 5 | Kern | Bakersfield | WNFX713 | 131.8 | 131.8 |
| 5 | Madera | Chowchilla | KMK974 | 107.2 | 107.2 |
| 5 | Tulare | Visalia | KNEX656 | 131.8 | 131.8 |
| 6 | Riverside | Riverside | WQPF470 | 156.7 | 131.8 |
| 6 | Riverside | Box Springs | WPIZ329 | 131.8 | 131.8 |

LLAW1 VHF Low (39.4600/45.8600 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Baldwin Hills | WQBC548 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | KBV892 | 156.7 | 156.7 |
| 1 | Orange | San Clemente Peak | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | KBV892 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | KBV892 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | KQS275 | 156.7 | 156.7 |
| 2 | Sonoma | Sonoma Mtn | WQOM497 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | Nevada | Truckee | KAZ604 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Imperial | Superstition Mtn | KJF891 | 156.7 | 156.7 |
| 6 | San Diego | Kearny Mesa | KJF891 | 156.7 | 156.7 |
| 6 | San Diego | Lyons Peak | KJF891 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | KJF891 | 156.7 | 156.7 |
| 6 | San Diego | White Star | KJF891 | 156.7 | 156.7 |
| 6 | San Diego | Kearny Mesa | KJF891 | 156.7 | 156.7 |

| CALAW8 (853.5125/808.5125 MHz) Licensed Repeater Locations | | | | | |
|---|---------------|---------------------------|-----------|---------|---------|
| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WQFS553 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | Seal Beach | WQFS553 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT445 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 2 | Alameda | Crane Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Sunol Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | WQJR602 | 156.7 | 156.7 |
| 2 | Solano | Benica | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Cement Hill | WQQK777 | 156.7 | 156.7 |

CALAW8 (853.5125/808.5125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 2 | Solano | Vallejo | WQQK777 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Imperial | Superstition Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | Riverside | Arlington Mtn | WQQC827 | 156.7 | 156.7 |
| 6 | Riverside | Quail Mesa Blythe | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | Box Springs | WPIT741 | 156.7 | 156.7 |
| 6 | Riverside | Cactus City | WPIT743 | 156.7 | 156.7 |
| 6 | Riverside | Chuckwalla | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | Elsinore Peak | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | Indio Hill | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | David Mtn | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | Santa Rosa Mtn | WQFU769 | 156.7 | 156.7 |
| 6 | Riverside | Whitewater Hill | WPIT739 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |

CALAW8 (853.5125/808.5125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Black Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Cowles Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Hillcrest | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Point Loma | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Mt Soledad | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Mt Woodson | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | San Onofre BP | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | San Ysidro | WPAT870 | 156.7 | 156.7 |

CALAW9 (851.2000/806.2000 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Pt | WQTR456 | 156.7 | 156.7 |
| 2 | San Francisco | Airport | WQTR456 | 156.7 | 156.7 |
| 3 | Not Available | | | | |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |

CALAW9 (851.2000/806.2000 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-------------|------------------|----------------|----------------|
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | NONE | | | | |

CAFIREF1 (853.9875/808.9875 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|---------------------------|------------------|----------------|----------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |
| 1 | Orange | Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 2 | Alameda | Bald Peak, (CC Co.) | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Crane Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Highland | WPNY310 | 156.7 | 156.7 |

| CAFIRE1 (853.9875/808.9875 MHz) Licensed Repeater Locations | | | | | |
|--|---------------|-----------------------|-----------|---------|---------|
| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
| 2 | Alameda | Oakland, Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Sunol Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Pt | WQTR456 | 156.7 | 156.7 |
| 2 | San Francisco | San Francisco Airport | WQTR456 | 156.7 | 156.7 |
| 2 | Solano | Benicia | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Cement Hill | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Vallejo | WQQK777 | 156.7 | 156.7 |
| 3 | NONE | | | | |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Imperial | Superstition Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | Riverside | Box Springs Mtn | WPIT741 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

CAFIRE1 (853.9875/808.9875 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|---------------|------------------|----------------|----------------|
| 6 | San Diego | Black Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Cowles Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Hillcrest | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Point Loma | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Mt Soledad | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | Mt Woodson | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | San Onofre BP | WPAT870 | 156.7 | 156.7 |
| 6 | San Diego | San Ysidro | WPAT870 | 156.7 | 156.7 |

CAFIRE2 (851.9125/806.9125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-----------------------|------------------|----------------|----------------|
| 1 | NONE | | | | |
| 2 | Alameda | Dublin | WPNY310 | 156.78 | 156.7 |
| 2 | Alameda | Fremont | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | San Francisco | San Francisco Airport | WQTR456 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | WQTR456 | 156.7 | 156.7 |
| 2 | Santa Clara | County Dispatch | WPES897 | 156.7 | 156.7 |
| 3 | NONE | | | | |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |

CAFIRE2 (851.9125/806.9125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | NONE | | | | |

8CALL90 (851.0125/806.0125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|------------------------|------------------|----------------|----------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda Site | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WQJJ267 | 156.7 | 156.7 |
| 1 | Orange | Laguna Beach | WPIT722 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | San Juan Cap., Ortega | WPIT435 | 156.7 | 156.7 |
| 1 | Orange | Santa Ana | WPIT717 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Seal Beach | WQJJ267 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |

8CALL90 (851.0125/806.0125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|--------------------------|------------------|----------------|----------------|
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Silverado | WPIT447 | 156.7 | 156.7 |
| 1 | Orange | South Laguna | WPIT725 | 156.7 | 156.7 |
| 1 | Orange | Westminster | WPIT720 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 1 | Ventura | Ventura EOC | WQQW940 | 156.7 | 156.7 |
| 2 | Alameda | Bald Peak (CC Co) | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Crane Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Sunol Ridge | WPMH823 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Marin | Barnabe Peak | WQQL235 | 156.7 | 156.7 |
| 2 | Marin | Dollar Hill | WQQL235 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Pt | WQTR456 | 156.7 | 156.7 |
| 2 | Solano | Mt Vaca | WQQK777 | 156.7 | 156.7 |
| 2 | Sonoma | Mt Jackson | WQQL647 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Placer | Roseville | WQUK602 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Imperial | Superstition Mtn | WPAT870 | 156.7 | 156.7 |
| 6 | Riverside | Blythe, Quail Mesa AZ | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Blythe, Black Rock | WPIT742 | 156.7 | 156.7 |
| 6 | Riverside | Box Springs | WPIT741 | 156.7 | 156.7 |
| 6 | Riverside | Chuckwalla | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Elsinore Peak | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Indio Hill | WQFU679 | 156.7 | 156.7 |

8CALL90 (851.0125/806.0125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 6 | Riverside | Santa Rosa Mtn | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Whitewater Hill | WPIT739 | 156.7 | 156.7 |
| 6 | Riverside | Mt. David | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Arlington Mtn | WQQC827 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

8TAC91 (851.5125/806.5125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-------------------------|------------------|----------------|----------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon Reservoir | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WPIT721 | 156.7 | 156.7 |
| 1 | Orange | Laguna Beach | WPIT722 | 156.7 | 156.7 |

**8TAC91 (851.5125/806.5125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-----------------------|------------------|----------------|----------------|
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | San Juan Cap., Ortega | WPIT435 | 156.7 | 156.7 |
| 1 | Orange | Santa Ana | WPIT717 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Silverado | WPIT447 | 156.7 | 156.7 |
| 1 | Orange | South Laguna | WPIT725 | 156.7 | 156.7 |
| 1 | Orange | Westminster | WPIT720 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Bald Peak (CC Co) | WPMH823 | 156.7 | 156.7 |
| 2 | Contra Costa | Brentwood PD | WQXW721 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | WQTR456 | 156.7 | 156.7 |
| 2 | Solano | Benicia | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Cement Hill | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Vallejo | WQQK777 | 156.7 | 156.7 |
| 2 | Sonoma | Sonoma Mtn | WQQL647 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Placer | Roseville | WQUK602 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |

8TAC91 (851.5125/806.5125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXW721 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXW721 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Riverside | Box Springs | WPIT741 | 156.7 | 156.7 |
| 6 | Riverside | Elsinore Peak | WQFU679 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mt. | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

8TAC92 (852.0125/807.0125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|---------------------------|------------------|------------------|------------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak | WQQJ310 | 156.7 | 156.7 |

**8TAC92 (852.0125/807.0125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-----------------------|------------------|----------------|----------------|
| | | (LA Co) | | | |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WPIT721 | 156.7 | 156.7 |
| 1 | Orange | Laguna Beach | WPIT722 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | San Juan Cap., Ortega | WPIT435 | 156.7 | 156.7 |
| 1 | Orange | Santa Ana | WPIT717 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Silverado | WPIT447 | 156.7 | 156.7 |
| 1 | Orange | South Laguna | WPIT725 | 156.7 | 156.7 |
| 1 | Orange | Westminster | WPIT720 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland, Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Contra Costa | Brentwood PD | WQXW721 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | WQTR456 | 156.7 | 156.7 |
| 2 | Sonoma | Oak Ridge | WQQL647 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |

**8TAC92 (852.0125/807.0125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXW721 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXW721 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Riverside | Mt. David | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Whitewater Hill | WPIT739 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

**8TAC93 (852.5125/807.5125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|------------------------|------------------|----------------|----------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 | 156.7 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |

**8TAC93 (852.5125/807.5125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|--------------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WPIT721 | 156.7 | 156.7 |
| 1 | Orange | Laguna Beach | WPIT722 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | San Juan Cap., Ortega | WPIT435 | 156.7 | 156.7 |
| 1 | Orange | Santa Ana | WPIT717 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Silverado | WPIT447 | 156.7 | 156.7 |
| 1 | Orange | South Laguna | WPIT725 | 156.7 | 156.7 |
| 1 | Orange | Westminster | WPIT720 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Contra Costa | Brentwood PD | WQXW721 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point | WQTR456 | 156.7 | 156.7 |
| 2 | Solano | Benicia | WQQK777 | 156.7 | 156.7 |
| 2 | Solano | Cement Hill | WQQK777 | 156.7 | 156.7 |

8TAC93 (852.5125/807.5125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 2 | Solano | Vallejo | WQQK777 | 156.7 | 156.7 |
| 2 | Sonoma | Seaview Ridge | WQQL647 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXW721 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXW721 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Riverside | Indio Hill | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Santa Rosa Mtn | WQFU679 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

**8TAC94 (853.0125/808.0125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|---------------------------|------------------|------------------|------------------|
| 1 | Los Angeles | San Pedro Hills | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Verdugo Peak (LA City) | WPPX553 | 156.7 / 110.9 | 156.7 / 110.9 |
| 1 | Los Angeles | Blackjack | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Oat Mtn | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Rolling Hills | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | San Dimas | WQQJ310 | 156.7 | 156.7 |
| 1 | Los Angeles | Verdugo Peak (LA Co) | WQQJ310 | 156.7 | 156.7 |
| 1 | Orange | Bolero Peak | WPIT724 | 156.7 | 156.7 |
| 1 | Orange | Brea, Olinda | WPIT443 | 156.7 | 156.7 |
| 1 | Orange | Carbon Canyon | WPIT723 | 156.7 | 156.7 |
| 1 | Orange | Fullerton | WPIT721 | 156.7 | 156.7 |
| 1 | Orange | Laguna Beach | WPIT722 | 156.7 | 156.7 |
| 1 | Orange | Moorhead Reservoir | WPIT718 | 156.7 | 156.7 |
| 1 | Orange | Loma Ridge | WPIT439 | 156.7 | 156.7 |
| 1 | Orange | San Clemente | WPIT431 | 156.7 | 156.7 |
| 1 | Orange | San Juan Cap., Ortega | WPIT435 | 156.7 | 156.7 |
| 1 | Orange | Santa Ana | WPIT717 | 156.7 | 156.7 |
| 1 | Orange | Santiago Peak | WPIT716 | 156.7 | 156.7 |
| 1 | Orange | Sierra Peak | WPIT455 | 156.7 | 156.7 |
| 1 | Orange | Signal Peak | WPIT451 | 156.7 | 156.7 |
| 1 | Orange | Silverado | WPIT447 | 156.7 | 156.7 |
| 1 | Orange | South Laguna | WPIT725 | 156.7 | 156.7 |
| 1 | Orange | Westminster | WPIT720 | 156.7 | 156.7 |
| 1 | Orange | Yorba Linda | WPIT727 | 156.7 | 156.7 |
| 1 | Ventura | Rasnow Peak | WQQW940 | 156.7 | 156.7 |
| 1 | Ventura | Rincon Peak | WQQW940 | 156.7 | 156.7 |
| 1 | Ventura | Rocketdyne | WQQW940 | 156.7 | 156.7 |

**8TAC94 (853.0125/808.0125 MHz)
Licensed Repeater Locations**

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-----------------------|--------------------|----------------|----------------|
| 1 | Ventura | Sisar Peak | WQQW940 | 156.7 | 156.7 |
| 2 | Alameda | Dublin | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Hayward | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Highland | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | Oakland Lakeside | WPNY310 | 156.7 | 156.7 |
| 2 | Alameda | South Red Hill | WPNY310 | 156.7 | 156.7 |
| 2 | Contra Costa | Brentwood PD | WQXW721 | 156.7 | 156.7 |
| 2 | San Francisco | Christmas Tree Point, | WQTR546 | 156.7 | 156.7 |
| 2 | Sonoma | Mt Jackson | WQQL647 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNR470 | 156.7 | 156.7 |
| 4 | Sacramento | Carpenter Peak | WQIB408W QQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Rancho Murrieta | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Citrus Heights | WQQI573 | 156.7 | 156.7 |
| 4 | Sacramento | Freeport | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Galt | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Gibson Ranch | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Sacramento Main Jail | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Elk Grove | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Brighton Heights | WQQX321 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXW721 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXW721 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | Riverside | Blythe, Quail Mesa AZ | WQFU679 | 156.7 | 156.7 |
| 6 | Riverside | Box Springs | WPIT741 | 156.7 | 156.7 |
| 6 | Riverside | Chuckwalla | WQFU679 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Los Pinos | WPNV382 | 156.7 | 156.7 |

8TAC94 (853.0125/808.0125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 6 | San Diego | Monument Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | North Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Red Mtn | WPNV383 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WPNV382 | 156.7 | 156.7 |
| 6 | San Diego | San Miguel Mtn | WPNV382 | 156.7 | 156.7 |

UCALL40 (453.2125/458.2125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Los Angeles (LAX) | WQAN354 | | |
| 1 | Ventura | Simi Valley | WQOM462 | CSQ | 156.7 |
| 1 | Ventura | Ventura EOC | WQTS935 | CSQ | 156.7 |
| 2 | Solano | Benicia | WQJL894 | | |
| 2 | Solano | Cement Hill | WQJL894 | | |
| 2 | Solano | Mt. Vaca | WQJL894 | | |
| 2 | Marin | Barnabe Peak | WQOP335 | 156.7 | 156.7 |
| 2 | Marin | San Pedro Ridge | WQOP335 | 156.7 | 156.7 |
| 2 | Sonoma | Mt Jackson | WQOM497 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | NONE | | | | |
| 5 | NONE | | | | |
| 6 | Imperial | Hendrix Peak | WQEN775 | | |
| 6 | Imperial | Superstition Mtn | WQEN775 | | |
| 6 | Riverside | Arlington Mtn | WQPF470 | 156.7 | 156.7 |
| 6 | San Diego | Cowles Mtn | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Kearny Mesa | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Lyons Peak | WQEN775 | 156.7 | 156.7 |

UCALL40 (453.2125/458.2125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-------------|------------------|----------------|----------------|
| 6 | San Diego | Palomar Mtn | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WQEN775 | 156.7 | 156.7 |

UTAC41 (453.4625/458.4625 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Los Angeles (LAX) | WQAN354 | | |
| 2 | Contra Costa | Brentwood PD | WQXX604 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXX604 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXX604 | 156.7 | 156.7 |
| 5 | Fresno | Fresno | WQEW940 | | |
| 5 | Fresno | Joaquin Ridge | WQEW940 | | |
| 5 | Fresno | Meadow Lakes | WQEW940 | | |
| 5 | Fresno | Squaw Valley | WQEW940 | | |
| 6 | Riverside | Arlington Mtn | WQPF470 | 156.7 | 156.7 |

UTAC42 (453.7125/458.7125 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|-------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Los Angeles (LAX) | WQAN354 | | |
| 1 | Ventura | Simi Valley | WQOM462 | 156.7 | 156.7 |
| 2 | Contra Costa | Brentwood PD | WQXX604 | 156.7 | 156.7 |
| 2 | Sonoma | Oak Ridge | WQOM497 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | Sacramento | Twitchell Island | WQXX604 | 156.7 | 156.7 |
| 4 | San Joaquin | Ag Center | WQXX604 | 156.7 | 156.7 |
| 5 | NONE | | | | |
| 6 | NONE | | | | |

UTAC43 (453.8625/458.8625 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx Tone | Tx Tone |
|------------|---------------|----------------------|------------------|----------------|----------------|
| 1 | Los Angeles | Los Angeles (LAX) | WQAN354 | | |
| 1 | Ventura | McCoy Mtn | WQOM462 | 156.7 | 156.7 |
| 1 | Ventura | Rasnow Peak | WQTS935 | 156.7 | 156.7 |
| 1 | Ventura | Rincon Peak | WQTS935 | 156.7 | 156.7 |
| 1 | Ventura | Rocketdyne | WQTS935 | 156.7 | 156.7 |
| 1 | Ventura | Sisar Peak | WQTS935 | 156.7 | 156.7 |
| 2 | Solano | Benicia | WQJL894 | | |
| 2 | Solano | Cement Hill | WQJL894 | | |
| 2 | Solano | Mt Vaca | WQJL894 | | |
| 2 | Sonoma | Mt Jackson | WQOM497 | 156.7 | 156.7 |
| 3 | Sutter | Sutter Buttes | WQNU682 | 156.7 | 156.7 |
| 4 | NONE | | | | |
| 5 | Fresno | Fresno | WQEW940 | | |
| 5 | Fresno | Joaquin Ridge | WQEW940 | | |
| 5 | Fresno | Meadow Lakes | WQEW940 | | |
| 5 | Fresno | Squaw Valley | WQEW940 | | |
| 6 | Imperial | Hendrix Peak | WQEN775 | 156.7 | 156.7 |
| 6 | Imperial | Superstition Mtn | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Cowles Mtn | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Kearny Mesa | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Lake San Marcos Peak | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Lyons Peak | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | Palomar Mtn | WQEN775 | 156.7 | 156.7 |
| 6 | San Diego | White Star | WQEN775 | 156.7 | 156.7 |

7CALL50 (769.24375/799.24375 MHz)
Licensed Repeater Locations

| MAR | County | Site | Call Sign | Rx NAC | Tx NAC |
|------------|---------------|-------------|------------------|---------------|---------------|
| 1 | Orange | Loma Ridge | WQPW737 | \$F7E | \$293 |
| 1 | Orange | Signal Peak | WQPW737 | \$F7E | \$293 |

| 7CALL50 (769.24375/799.24375 MHz) Licensed Repeater Locations | | | | | |
|--|-----------|------------------------|-----------|--------|--------|
| MAR | County | Site | Call Sign | Rx NAC | Tx NAC |
| 1 | Orange | Ortega Hwy | WQPW737 | \$F7E | \$293 |
| 1 | Orange | Olinda | WQPW737 | \$F7E | \$293 |
| 2 | Marin | Barnabe Peak | WQPX461 | \$F7E | \$293 |
| 2 | Marin | Mt Vision, Point Reyes | WQPX461 | \$F7E | \$293 |
| 2 | Marin | San Pedro Ridge | WQPX461 | \$F7E | \$293 |
| 2 | Marin | Dollar Hill | WQPX461 | \$F7E | \$293 |
| 2 | Marin | Big Rock | WQPX462 | \$F7E | \$293 |
| 2 | Marin | Mt Tamalpais | WQPX462 | \$F7E | \$293 |
| 2 | Marin | Stewart Point | WQPX462 | \$F7E | \$293 |
| 4 | NONE | | | | |
| 5 | NONE | | | | |
| 6 | Imperial | Hendrix Peak | WQQA826 | \$F7E | \$293 |
| 6 | Imperial | Superstition Mtn | WQQA826 | \$F7E | \$293 |
| 6 | Riverside | Arlington Mtn | WQQZ633 | \$F7E | \$293 |
| 6 | San Diego | Cowles Mtn | WQQA826 | \$F7E | \$293 |
| 6 | San Diego | Kearny Mesa | WQQA826 | \$F7E | \$293 |
| 6 | San Diego | Lake San Marcos Peak | WQQA826 | \$F7E | \$293 |
| 6 | San Diego | Lyons Peak | WQQA826 | \$F7E | \$293 |
| 6 | San Diego | Palomar Mtn | WQQA826 | \$F7E | \$293 |
| 6 | San Diego | White Star | WQQA826 | \$F7E | \$293 |

These locations have additional 700 MHz interoperability frequencies. Make contact on 7CALL50 for assignment of other available 700 MHz interoperability frequencies.

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Chapter 17 - Authorization Procedures for Interoperability Channels

The State of California is the designated authorized licensee of all state designated interoperability and non-Federal National Interoperability Channels. In order to operate on these frequencies, the licensee (*State of California*) must designate you as a unit of their system, in accordance with FCC rule 90.421. Agencies that desire to program these channels must request authorization from Cal OES Public Safety Communications. In cases where use is necessary for the imminent protection of human life and property, authority to transmit is automatic and will be temporary until the emergency has ended.

The following procedures are divided into two general uses: Mobiles Only and Fixed Sites. "Mobiles Only" refers to agencies requesting to program only handheld and/or vehicular mounted radios. Procedures listed under "Fixed Sites" are for agencies seeking to operate/modify radio stations at fixed locations.

State Frequency Coordination and Licensing

The Cal OES Public Safety Communications (PSC) is responsible for ensuring all state communication systems and licenses comply with federal regulations. This includes ensuring license requests to program Interoperability channels comply with the technical and operational policies of the California Statewide Interoperability Executive Committee (CalSIEC).

A license request to operate a fixed radio site using state and/or National Interoperability frequencies must be accompanied with an endorsement from CalSIEC. Once obtained, PSC will obtain a license to include you as an authorized licensee.

Licensing Fees

Charges are levied on all applicant organizations when seeking a new frequency or making a license change, system modification, or any other technical change which requires an official FCC license modification or transaction to take place.

The PSC frequency coordination contract charges are \$100 and up, per frequency, per location. There is also a flat rate charge of 4 hours of engineering per FCC 601 application, charged at the

current hourly rate, to process the application package and any necessary supporting documentation that may be needed.

For more details on the fee structure and process, please visit the Public Safety Communications (PSC) website or contact the Frequency Coordination and Licensing Unit at (916) 894-5096.

<https://www.caloes.ca.gov/office-of-the-director/operations/logistics-management/public-safety-communications/>

PSC Branches:

California 9-1-1 Emergency Communications Branch
Phone: (916) 894-5007

Radio Communications Branch / Phone: (916) 894-5209

Technical Services Branch / Phone: (916) 894-5041

Mobiles Only

| Mobiles Only (Car-to-Car or Direct Only) | |
|--|---|
| 1 | Draft a “Letter of Intent” (LOI) on your agency letterhead The letter should contain general information on the requested channels, proposed site(s) and area of operations. If the system is to serve more than a single political entity, provide additional details such as a list of all individuals responsible for the project. |
| 2 | Complete the State of California Radio Frequency Usage Form (TDe-400) This form is required by PSC and requires the requesting agency to provide technical details |
| 3 | Sign Memorandum of Understanding (MOU) State designated mutual-aid plans require requesting agencies to sign associated MOU. Non-federal National Interoperability Channels only require a TDe-400. |
| 4 | Send the LOI and completed form(s) via postal mail or email to: California Governor’s Office of Emergency Services Attn: Statewide Interoperability Coordinator 601 Sequoia Pacific Blvd., Sacramento, CA 95811 Email: SWIC@caloes.ca.gov |
| 4 | Program Radios |

Mobiles Only (Car-to-Car or Direct Only)

You may program channels into radios but may not transmit until final authorization is received.

Contact the PSC FCC Unit at (916) 894-5096 for a status on authorization.

Fixed Sites

State designated Interoperability frequencies are a limited resource that is shared across the state. Therefore, fixed sites that transmit on these frequencies have the potential to cause harmful interference if not properly coordinated.

Agencies seeking to program and transmit from fixed sites will need to coordinate and receive support from neighboring jurisdictions.

Furthermore, the applicant will need an endorsement from the California Statewide Interoperability Executive Committee (CalSIEC) before the PSC files the license request with the FCC. Requests that diverge from National or Statewide policy on the proper use of Interoperable frequencies will not be endorsed.

PSC licensing fees do apply to these requests. Contact the PSC frequency coordination and FCC licensing unit **(916) 894-5096** to determine the associated costs.

Fixed Sites

1 **Draft a Letter of Intent (LOI) on your agency letterhead**

The letter should contain general information on the requested channels, proposed site(s) and area of operations. If the system is to serve more than a single political entity, provide additional details such as a list of all individuals responsible for the project.

2 **Submit proposal package for CalSIEC Planning Area review**

Proposal packages must be reviewed by a CalSIEC Planning Area prior to CalSIEC endorsement. Each Planning Area governance body meets on a quarterly basis. It is recommended that you contact the Planning Area chair and arrange to have your proposal package reviewed by the committee. System proposals must be in compliance with State and Federal guidelines for Mutual-Aid and Interoperability Channels.

Contact the California Statewide Interoperability Coordinator's Office or the Cal OES Emergency Communications Division for assistance with contacting the CalSIEC Planning Areas. More information can also be

Fixed Sites

| | |
|---|--|
| | found on the CalSIEC website https://www.caloes.ca.gov/office-of-the-director/operations/logistics-management/public-safety-communications/ca-9-1-1-emergency-communications-branch/california-interoperable-communications/ . |
| 3 | Develop a proposal package The proposal package should include coverage plots, applicable frequencies and channels, and other supporting documents. Supporting documents include Standard Operating Procedures, letters of recommendations or endorsements from neighboring jurisdictions, and/or concurrence from regional frequency coordination groups. The SWIC and Cal OES TDO are available to assist with the coordination process |
| 4 | Forward the CalSIEC Planning Area endorsement letter to the California Statewide Interoperability Coordinators Office |
| 5 | CalSIEC Formal Review Following the CalSIEC Planning Area endorsement, the CICO will forward the package to the CalSIEC Standing committees for review. Following the review, the application will go to the CalSIEC for final endorsement. The CalSIEC endorsement letter will be forwarded to the PSC FCC unit for administrative processing. |
| 6 | Fill out an FCC 601 license form Schedules D and H The full text of the 601 and additional required schedules may be downloaded from the FCC at http://www.fcc.gov/formpage.html . We strongly suggest you review the entire form 601 and schedules D and H before filling out the forms in the application package. |
| 7 | Send the LOI and completed form(s) via postal mail or email to: California Office of Emergency Services Attn: Statewide Interoperability Coordinator 601 Sequoia Pacific Blvd. Sacramento CA 95811 Email: SWIC@caloes.ca.gov |
| 8 | Program Radios/Equipment Requestors may program channels into radios but may not transmit until final FCC authorization is received. Contact the PSC FCC Unit at (916) 894-5096 for a status on FCC authorization. |

Chapter 18 - Interoperability Channel Request Process

The California State Warning Center (CSWC) is the single point of entry for all interoperability channel requests for pre-planned events. During emergencies, public safety representatives make immediate use of the interoperability channels for which they are licensed. All interoperability channels are coordinated and approved by the Tactical Communications Duty Officer.

[California Interoperability Frequency Request Form](#)

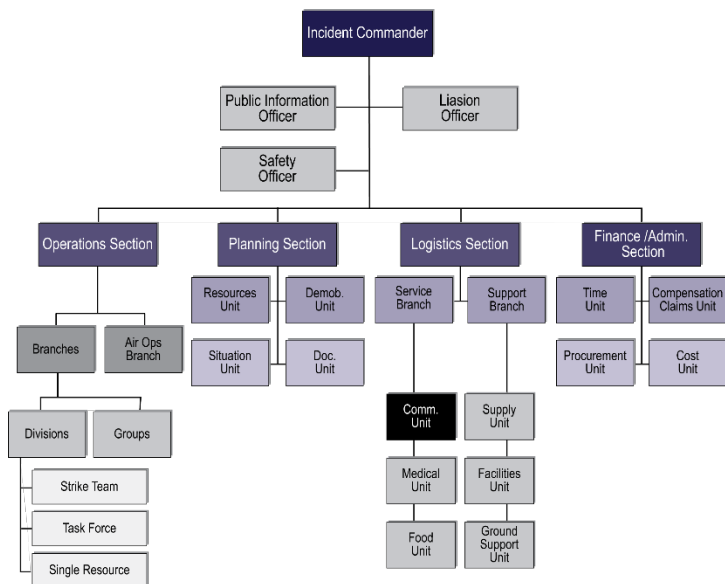
To request a channel:

1. Determine what channel will best fit your pre-planned event's needs.
2. Send a request to the CSWC by email warning.center@oes.ca.gov or by phone (916) 845-8911. All Law Enforcement channel requests should be sent through a California Law Enforcement Telecommunications System (CLETS) message. Requests should contain the following information:
 - a. County (ex: *San Bernardino*)
 - b. Frequency (ex: *VCALL10*)
 - c. Contact Information (Requestor name and/or alternate, 24h POC and agency. ex: *Joe Smith; 555-1212; jsmith@sbfgov*)
 - d. Phone (requestor and/or alternate)
 - e. Email Address (requestor and/or alternate)
 - f. Incident priority level (ex: *Priority 3*)
 - g. Event description (explanation of communications needs, ex: *Testing VCALL for multi day exercise*)
 - h. Start date
 - i. Start time
 - j. End date
 - k. End time
 - l. Attach your ICS 217 or 205 if it is available
3. When you are finished using the channel or your allocated time has expired, you must cease use of the channel and repeaters so that it will be available for others to use. To extend the use of the channel, a new channel request must be sent.

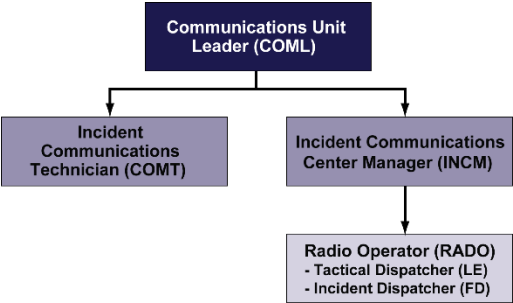
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Appendix A - Reference and Planning Tools

Incident Command System Structure



**Regional Communications Unit Personnel
Organizational Chart**



Communication Unit Leader Position Checklist

The following checklist should be considered as the minimum requirements for the COML position. Note that some of the tasks are one-time actions while others are ongoing or repeated for the duration of the incident.

1. Obtain briefing from the Logistics Section Chief or Service Branch Director:
 - Organize and staff the unit as appropriate.
 - Assign Communications Center Manager and Lead Incident Dispatcher.
2. Assign Message Center Manager and ensure adequate staff is assigned to answer phones and attend fax machines.
3. Assess communications systems/frequencies in use; advise on communications capabilities and limitations.
4. Develop and implement effective communications procedures (flow) internal and external to the incident and Incident Command Post.
5. Assess the Incident Command Post's phone load and request additional lines as needed.
6. Prepare and implement an Incident Communications Plan (Incident Command System [ICS] Form 205):
 - Obtain a current organizational chart.
 - Determine the most hazardous tactical activity; ensure adequate communications.
 - Administer communications assignments to all other Operations elements, including volunteer, contract, or mutual aid.
 - Determine Command communications needs.
 - Determine support communications needs.
 - Establish and post any specific procedures for use of the Incident Command Post communications equipment.

7. Include cellular phones and pagers in the Communications List (ICS Form 205 A), if appropriate:
 - Determine specific organizational elements to be assigned to telephones.
 - Identify all facilities/locations with which communications must be established (e.g., shelters, press area, liaison area, agency facilities, other governmental entities' Emergency Operations Centers). Identify and document phone numbers for each of these locations.
 - Determine which phones/numbers should be used by what personnel and for what purpose. Assign specific telephone numbers for incoming calls and report these numbers to staff and off-site parties such as other local jurisdictions, State and Federal agencies.
 - Do not publicize OUTGOING call lines.
8. Activate volunteer radio organizations, serve as their contact point, and supervise their integration into the communications system.
9. Ensure radio and telephone logs are available and being used.
10. Determine the need for and research availability of additional nets and systems:
 - Order through the Supply Unit after approval by the Section Chief.
 - Federal systems: Additional radios and other communications devices, including repeaters, radiotelephone interconnects and satellite down-link capabilities may be available through the Federal Emergency Management Agency or the U.S. Department of Agriculture's Forest Service.
11. Document malfunctioning communications equipment and facilitate repairs.
12. Establish and maintain a communications equipment accountability system.

13. Provide technical information, as required, on:
 - Adequacy of communications system currently in use.
 - Geographic limitation on communications equipment.
 - Equipment capabilities.
 - Amount and types of equipment available.
 - Anticipated problems in the use of communications equipment.
14. Estimate the unit's needs for expected operations, order relief personnel.
15. Provide briefing to relief personnel on current activities and unusual situations.
16. Document all activity in a Unit Log (ICS Form 214).

Communication Assets Survey and Mapping Information

California's State and local emergency response agencies are completing a statewide capabilities assessment through the use of the Communication Assets Survey and Mapping (CASM) tool. CASM serves as a repository of information for State and local public safety communications assets and methods of interoperability.

CASM is offered by the Cybersecurity and Infrastructure Security Agency (CISA) Interoperable Communications Technical Assistance Program (ICTAP) and is the primary resource nationwide for the emergency communications community to inventory and share agency, asset, and COMU information, for the purpose of planning public safety communications operability and interoperability. E-mail casmhelp@hq.dhs.gov to get more information, request help, or offer feedback.

For your local CASM administrator, contact the California Statewide Interoperability Coordinator's office (SWIC) at SWIC@caloes.ca.gov.

CYBERSECURITY

Top Cybersecurity Tactics

User Education

- Have the users been briefed on cyber hygiene?
- Are the users aware of how to identify potential phishing emails?
- Do the users know how to escalate potential problems?

Identity Management

- Do all accounts require passwords that are difficult to guess?
- Do accounts make use of multi-factor authentication (MFA)?
- Are separate accounts used for privileged access to systems?
- Are privileged actions logged and audited?

Mobile Devices

- Do laptops use whole disk encryption?
- Is the OS patched regularly?
- Do devices have policies to manage the increased risks?
- Is the use of removable media restricted?
- Do all devices have malware protection enabled?

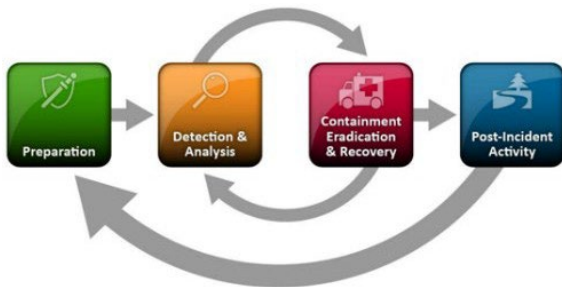
Secure Configuration

- Are the servers patched regularly?
- Do all servers have malware protection enabled?
- Is all remote access software secured properly?
- Are all access attempts logged and audited?
- Are backups made regularly and tested frequently?

Network Security

- Are firewalls blocking traffic in BOTH directions?
- Are high risk ports explicitly blocked and logged?
- Does remote access (e.g., VPN) require MFA?

Cyber- Incident Response



More detailed information can be found in NIST SP 800-61 and NIST SP 800-184

Preparation

This phase of the response lifecycle is focused on understanding the managed environment, identifying risks and their associated threat and vulnerabilities, and developing response plans which include:

- Incident Thresholds
- Notification Plan
- Initial Action Plan
- Staffing and Resource Plan

Detection and Analysis

This phase of the lifecycle describes the actions that occur when a security incident has been identified according to the criteria set forth in the preparation phase. Here it is important to document:

- Key indicators of compromise Where was it located?
- Who reported the incident? What is the current impact?
- When was it first detected? How far has the attack propagated?

At this point, it is important to initiate the notification plan and request assistance according to the staffing and resource plan.

Containment, Eradication, and Recovery

The response to the incident will include containing the spread of the malware, removing the malware, closing vulnerabilities, and recovering to a “new normal.”

Post-Incident Activities

Once the response is complete, the team will need to review all the documentation created and identify lessons learned. These lessons should be incorporated in the next Preparation phase.

Federal Cybersecurity Resources

Cybersecurity and Infrastructure Security Agency (CISA)

CISA is available to receive reports of any security incident as defined by NIST SP 800-61 including: unauthorized access to systems or data, unwanted disruptions or denials of service, or abuse and misuse of systems or data in violation of policy

Operations Desk: (888) 282-0870 central@cisa.dhs.gov

Federal Bureau of Investigations (FBI)

The FBI is available to receive reports of Internet crime including computer intrusions, intellectual theft, identity theft, criminal hacking, etc. and suspected terrorism, threats of violence, sabotage, or foreign intelligence activity

Local Field Offices: <https://www.fbi.gov/contact-us/field-offices>

Internet Crime Complaint Center (IC3): <https://www.ic3.gov/>

National Cyber Investigative Joint Task Force: (855) 282-3937

Federal Communications Commission (FCC)

FCC is available to receive reports of Distributed Denial of Service (DDoS) or Telecommunications Denial of Service (TDoS) attacks that negatively impact communications. Communications Common Carriers regulated by the FCC are required to report communications outages in the Network Outage Reporting System.

FCC Operations Center (FCCOC): (202) 418-1122,
FCCOPS@fcc.gov

FCC Public Safety Support Center (PSSC):
<https://www.fcc.gov/general/public-safety-support-center>

US Secret Service Field Offices / Electronic Crimes Task Forces (ECTFs)

The ECTFs are a part of the US Secret Service and are available to receive reports of cyber-crimes against payment card systems and financial information systems

Local Field Offices:

<https://www.secretservice.gov/contact/field-offices>

Internet Crime Complaint Center (IC3): <https://www.ic3.gov/>

US Immigration and Customs Enforcement Homeland Security Investigations (ICE/HSI)





The HSI is takes reports of cyber-enabled crime including theft of intellectual property, illicit e-commerce, proliferations of arms and strategic technology, and cyber-related smuggling/ money laundering

Tip Line: 866-347-2423, <https://www.ice.gov/webform/ice-tip-form>

HSI Cyber Crimes Center: <https://www.ice.gov/partnerships-centers/cyber-crimes-center>

DRONE**Unmanned Aircraft (UAS) Incident Reporting – Tips in Responding to a UAS Incident**

| | |
|----------|--|
| D | <u>Detect</u> all available elements of the situation. Look outward and upward to attempt to locate individuals who are holding a controller or device (laptop, notebook, cell phone) and appear to be operating a UAS. Look at windows, balconies, rooftops, and open spaces. For special events, predetermine likely locations that would enable a person to control a UAS. |
| R | <u>Report incident</u> to state or local law enforcement immediately and request a response if necessary. Execute organization's emergency response action plan if appropriate |
| O | <u>Observe</u> the UAS and maintain visibility of the device. Look for the direction of travel, damage to facilities, and individuals. NOTE: Battery life is typically 20-30 minutes. |
| N | <u>Notice features</u> and identify the type of device (i.e., Fixed wing/Multi-rotor/Retail or Custom), size, shape, color, payload, video camera equipment, and activity. |
| E | <u>Execute appropriate security/emergency response action</u> by maintaining a safe environment for the public and first responders in accordance with Federal, State, and local laws and regulations. Document event details including photo, if possible. |

| UAS Class and Category | | | |
|------------------------|---|-----------|---------------------|
| Class | Visual | Category | Weight |
| Multi-Rotor |  | Micro/FPV | < .55 lbs. |
| | | Light | .55 – 3 lbs. |
| | | Medium | > 3 lbs. to 10 lbs. |
| | | Heavy | > 10 lbs. |
| Fixed Wing |  | Light | < 4 lbs. |
| | | Heavy | > 4 lbs. |
| Rotary Wing |  | Light | < 10 lbs. |
| | | Heavy | > 10 lbs. |
| Hybrid |  | Light | < 10 lbs. |
| | | Heavy | > 10 lbs. |

INCIDENT REPORTING QUICK TIPS*

Identify Operator and Witnesses

(Name & Contact Info)

Type of Incident/Operation

(Commercial, Hobby, Public/Governmental)

Type of Device(s) and UAS Registration Number

Event Location and Incident Details

(Date, Time, and Place)

Evidence Collection

(Photos, Videos, Device(s))

** Always follow state and local laws and regulations*

https://www.faa.gov/uas/public_safety_gov/contacts

UAS FREQUENCY REFERENCE

| UAS Frequency Reference | | | |
|-------------------------|----------------------------|---------------|---|
| Frequency Range | Frequency Type | Typical Power | Notes |
| 27 MHz | Radio Controlled Vehicle | | 47 CFR Part 95, Subpart C 6 Discreet Frequencies |
| 49 MHz | Radio Controlled Devices | < 100mW | 47 CFR Part 15, Subpart C §15.235 5 Discreet Frequencies |
| 50 MHz | Amateur (License Required) | | 47 CFR Part 97 10 Discreet Frequencies |
| 53 MHz | Amateur (License Required) | | 47 CFR Part 97 8 Discreet Frequencies |
| 72 MHz | Radio Controlled Aircraft | <750mW | 47 CFR Part 95, Subpart C Reserved for "Aircraft" 50 Discreet Frequencies |
| 75 MHz | Radio Controlled Vehicle | <750mW | 47 CFR Part 95, Subpart C Reserved for "Surface" 30 Discreet Frequencies |
| 431 MHz – 450 MHz | Amateur (License Required) | < 1000mW | 47 CFR Part 97 Command & Control |

| UAS Frequency Reference | | | |
|-------------------------|---|---------------|---|
| Frequency Range | Frequency Type | Typical Power | Notes |
| 433 MHz | Industrial, Scientific, and Medical (ISM) | < 250mW | 47 CFR Part 18 ISM is a secondary use of band |
| 863 MHz – 870 MHz | European Short-Range Device | < 500mW | European allocations, some equipment may be being used illegally in the United States |
| 902 MHz – 928 MHz | ISM | 250 – 2,000mW | 47 CFR Part 18 Video and Command & Control |
| 1,240 MHz – 1,300 MHz | Amateur (License Required) | < 1,000mW | 47 CFR Part 97 Video |
| 2,300 MHz | Licensed | < 1,000mW | License Required |
| 2,400 MHz – 2.4835 MHz | Wi-Fi | < 500mW | 47 CFR, Part 15 Wi-Fi (2.4 GHz Band) |
| 5,725 MHz – 5,825 MHz | Wi-Fi | < 500mW | 47 CFR Part 15 Wi-Fi (5.8 GHz Band) |

Appendix B - Plain Language Words and Phrases

| Plain Language | Meaning or Usage |
|------------------------|--|
| Affirmative | Yes |
| At scene | Used when a unit arrives at the scene of an incident. |
| Available | Used when a unit is ready for a new assignment or can return to quarters. |
| Available at residence | Used by administrative or staff personnel to indicate they are available and on-call at their residence. |
| Available at scene | Used when a unit is still committed to an incident but could be dispatched to a new emergency if needed. |
| Burning operation | Used to indicate that a fire is started intentionally, usually by the fire department, to eliminate burnable fuels in order to prevent the spread of wildfires. |
| Can handle | Used when the amount of equipment needed to handle the incident is on-scene. Ex: "San Luis, Battalion 3412 can handle with units at scene." |
| Call _____ by phone | Self-explanatory. |
| Copy, copies | Used to acknowledge message received. Unit radio id must also be used. Ex: "Engine 2563 copies." |
| Disregard last message | Self-explanatory. |
| Emergency traffic | Term used to gain control of a radio frequency to report an emergency. All other radio users will refrain from using that frequency until cleared for use by a dispatcher or incident commander. |
| Emergency traffic only | Used by radio users to confine all radio traffic to an emergency in progress or a new incident. |

| Plain Language | Meaning or Usage |
|--|--|
| Enroute | Normally used by administrative or staff personnel to designate destination. Enroute is not a substitute for responding. |
| Fire under control | Used by the fire department to indicate that a fire is no longer increasing in size or complexity and no additional resources are required to extinguish it. |
| In-quarters, with station name or number | Used to indicate that a unit is in a station. Ex: "Oroville, Engine 2176 in-quarters, Jarbo Gap Station." |
| In-service | Indicates the unit is operating, but not in response to a dispatch. Ex: "San Andreas, Engine 4460, in-service, fire prevention inspections." |
| Is _____ available for a phone call? | Self-explanatory. |
| Loud and clear | Self-explanatory. |
| Negative | No. |
| Out-of-service | Indicates a unit is out of service. When the unit is back in service a phrase like the following example should be used: Ex: "Redding, Engine 2460, out-of-service, [give reason], [provide duration]." |
| Repeat | Used to ask for a transmission to be spoken again. |
| Report on conditions | Used by the fire department for a unit (usually the first arriving) to describe the incident in a concise manner, allowing other responders and dispatch to comprehend the incident. |
| Respond, Responding | Used during dispatch to direct units to proceed to an incident or to refer to units proceeding to an incident. Ex: "Engine 3365, respond...." or St. Helena, Engine 1475 responding." |
| Resume normal [radio] traffic | Self-explanatory. |

| Plain Language | Meaning or Usage |
|----------------------------|---|
| Return to _____ | Normally used to direct units that are available to a station or other location. |
| Standby | Self-explanatory. |
| Stop transmitting | Self-explanatory. |
| Uncovered | Indicates a unit is not in-service, because there are no personnel to operate it. |
| Unreadable | Used when signal received is not clear. Try to add the specific trouble. Ex: "Unreadable, background noise." |
| Vehicle registration check | Self-explanatory. |
| Weather | Self-explanatory. |
| What is your location? | Self-explanatory. |

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Appendix C - Phonetic Alphabet Standards

| Standard International | | APCO | |
|------------------------|----------|------|---------|
| A | Alpha | A | Adam |
| B | Bravo | B | Boy |
| C | Charlie | C | Charles |
| D | Delta | D | David |
| E | Echo | E | Edward |
| F | Foxtrot | F | Frank |
| G | Golf | G | George |
| H | Hotel | H | Henry |
| I | India | I | Ida |
| J | Juliet | J | John |
| K | Kilo | K | King |
| L | Lima | L | Lincoln |
| M | Mike | M | Mary |
| N | November | N | Nora |
| O | Oscar | O | Ocean |
| P | Papa | P | Paul |
| Q | Quebec | Q | Queen |
| R | Romeo | R | Robert |
| S | Sierra | S | Sam |
| T | Tango | T | Tom |
| U | Uniform | U | Union |
| V | Victor | V | Victor |
| W | Whiskey | W | William |
| X | X-ray | X | X-ray |
| Y | Yankee | Y | Young |
| Z | Zulu | Z | Zebra |

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Appendix D - Operational Area Data

The 58 Operational Areas are listed alphabetically.



California Military Department

24-Hour Monitoring Facilities

Emergency-Activated 24-Hour Monitoring Suite

Upon receipt of the California Emergency Management Agency (Cal OES) mission number, the California Military Department monitors all bands of communication utilizing the Incident Commander's Command and Control Communications Unit (IC4U). The IC4U is manned 24 hours a day with military members of the California National Guard. The California Military Department call signs are mission specific and assigned as directed by Incident Commanders.

Joint Operations Center (JOC) 24-hour Monitoring Suite:

Telephone: (916) 854-3440

Channel Capabilities

California Military Department interoperability channels are determined by the ICS 205 for a particular incident.

| VHF Low | | | |
|-------------------|--|---|----------|
| Type | Name | Frequency Range | CTCSS |
| Command & Control | Radio #11, #12 SINCGARS CFE AN/VRC 89A | 30 – 88 MHz (Military) (150 Hz Tone) | N/A |
| Command & Control | Radio #9 VHF - Lowband | 35 – 50 MHz W | Variable |

| VHF High | | | |
|-------------------|------------------|----------------------|----------|
| Type | Name | Frequency Range | CTCSS |
| Command & Control | Radio #3, #4 VHF | VHF 136 -174 MHz N/W | Variable |

California Military Department (Cont'd)

| UHF | | | |
|-------------------|----------------------|-------------------|----------|
| Type | Name | Frequency Range | CTCSS |
| Command & Control | Radios #5, #6 UHF | 450 - 512 MHz N/W | Variable |
| Command & Control | Radio #10 UHF | 403 - 470 MHz N/W | Variable |

| HF | | | |
|-------------------|-----------------------|-----------------|-------|
| Type | Name | Frequency Range | CTCSS |
| Command & Control | Transworld TW-7000 | .5 – 30 MHz | N/A |

| HAM | | | | |
|-------------------|---------------------|-------------------------|----------------------------|----------|
| Type | Name | 2 meter | 70 cm | CTCSS |
| Command & Control | Radio #8 TMG 707 | 144.000- 148.000 N/W | 430.000- 460.000 N/W | Variable |

| 800 MHz | | | |
|-------------------|-------------------------|-----------------|--------------|
| Type | Name | Frequency Range | Mode |
| Command & Control | Radios #1,#2 800 MHz | 806 – 870 MHz | Conventional |

| CB | | | |
|-------------------|--------------------------|--------------------------|-------|
| Type | Name | Channels 1-40 | CTCSS |
| Command & Control | Radio #7 19 DX3 Cobra | 26.965 – 27.405 MHz (AM) | N/A |

Shared Channels

The California Military Department does **not** have shared channels.

Alameda County Operational Area

24-Hour Monitoring Facilities

The Alameda County Regional Emergency Communications Center (ACRECC) is a 24-hour monitoring facility. The primary point of contact for ACRECC is (925) 447-6880 (emergency) or (925) 447-4257 (non-emergency).

The center is known by the following call sign: “**ALCO**”

Regularly Monitored Channels

| VHF High | | | | |
|----------|----------------------|-------------|------------|----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE 1 – (VFIRE 21) | 154.2800 | 154.2800 | None - (156.7) |
| Fire | VHF TAC 4 | 154.0700 | 154.0700 | None |

| Motorola 800 Trunked Radio | |
|----------------------------|-----------------------|
| Type | Talkgroup Name |
| Fire | IA FIRE - (XAL FIRE1) |
| EMS | IA EMS – (XAL EMS1) |
| EMS | CMED |
| Fire | CNTRL 1 – (XAL DSP1) |
| Fire | CNTRL 2 – (XAL DSP2) |
| Fire | CNTRL 4 – (XAL EMRG) |

Shared Channel Infrastructure

ACRECC maintains a console system with the ability to patch the channels listed above locally to any other locally controlled interoperability channels.

Alameda County EMS Agency

1000 San Leandro Blvd., Ste. 200, San Leandro, CA 94577

Telephone: (510) 618-2055 / Fax: (510) 618-2099

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|-------------------------------|---------------------------|---------------------|---------------------|
| Local Medical Coordination (real time) Trunked system | 700/800 | N/A | N/A | N/A |
| Statewide Medical Coordination VMED 28 CALCORD | 155.340 156.075 | 155.340 156.075 | N/A 156.7 | N/A 156.7 |
| Calling Channel | 700/800 | N/A | N/A | N/A |
| Dispatch (for each EMS agency) Trunked system | 700/800 | N/A | N/A | N/A |
| Direct to hospitals Trunked system, telephone | 700/800 | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) For disasters VMED 28 CALCORD | 700/800 155.340 156.075 | N/A 155.340 156.075 | N/A N/A 156.7 | N/A N/A 156.7 |

Alpine County Operational Area

24-Hour Monitoring Facilities

The Alpine County Sheriff's Office provides 24-hour monitoring of all Public Safety radio channels through the Douglas County 911 Emergency Services Department (Minden Nevada) along with Public Safety Answering Point (PSAP) 24/7/365.

24/7 Telephone: (530) 694-2231

This center is known by the following call sign: **"Douglas"**

Douglas County Dispatch Center: 24/7 Telephone: (775) 782-5126

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |

Shared Channel Infrastructure

There are no shared gateways or channel banks in the Alpine OA's communications system. Alpine conducts interoperability via CALAW or the Sheriff's Office main frequency. Current interoperability is accomplished through shared programming VHF or the presence of CHP radios in all patrol vehicles. Alpine County is attempting to construct a new repeater system over the next three-to-five years, which will include microwave with full gateways and cross-county interoperability.

Mountain Valley EMS Agency

(Alpine, Amador, Calaveras, Mariposa, Stanislaus)

1101 Standiford Ave #D1, Modesto, CA 95350

Telephone: (209) 529-5085 / Fax: (209) 529-1496

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Alpine | | | | |
| Med 1 | 468.000 | 463.000 | 100.0 | Prim |
| Med 2 | 468.025 | 463.025 | 179.9 | Prim |
| Amador | | | | |
| Med 13 | 458.425 | 453.425 | 100.0 | Prim |
| Med 3 | 468.250 | 463.050 | 167.9 | Alt |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|---------|--------|----------|
| Med 8 | 468.175 | 463.175 | 100.0 | Alt |
| Med 9 | 468.950 | 463.950 | 100.0 | Alt |
| Calaveras | | | | |
| Med 3 | 468.050 | 463.050 | 107.2 | Alt |
| Med 9 | 467.950 | 462.950 | 167.9 | Prim |
| Mariposa | | | | |
| Med 8 | 468.175 | 463.175 | 123.0 | Prim |
| Med 14 | 456.425 | 451.425 | 149.9 | Alt |
| Stanislaus | | | | |
| Med 1 | 468.000 | 463.000 | 179.9 | |
| Med 5 | 468.100 | 463.100 | 179.9 | |
| All Hospitals VHF Med - HEAR | | 155.385 | 88.5 | |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Alpine Medical | | | | |
| Markleeville | 154.100 | 153.800 | 107.2 | Prim |
| Bear Valley | 154.100 | 153.800 | 131.8 | Prim |
| Alpine Fire | | | | |
| Kirkwood-Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Bear Valley-San Andreas | 159.450 | 151.175 | 156.7 | Prim |
| Amador Medical | | | | |
| Med 10 | 467.975 | 462.975 | 100.0 | Prim |
| Med 13 | 458.425 | 453.425 | 100.0 | Alt |
| VHF | 159.225 | 151.190 | 123.0 | Alt |
| Amador Fire | | | | |
| Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Calaveras Medical | | | | |
| Med 9 | 467.950 | 462.950 | 167.9/ | Prim |
| Calaveras Fire | 151.175 | 151.175 | 103.5 | |
| San Andreas (CDF) | 159.450 | 151.175 | 110.9 | Prim |
| Mariposa Medical | | | | |
| Mariposa CDF | 151.460 | 159.390 | 146.2 | Prim |
| Mariposa CDF-Med 14 | 451.425 | 451.425 | 179.9 | Alt |
| Stanislaus Medical | | | | |
| AMR | 151.5725 | 160.055 | 1110.9 | Prim |
| | 155.295 | 155.295 | 88.5 | Alt |
| Stanislaus Fire | | | | |
| Modesto City | 154.145 | 155.940 | 123.0 | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|------------------------------------|---------|---------|-------|----------|
| Stanislaus County Fire | 153.770 | 153.770 | 123.0 | Duplex |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Amador County Operational Area

24-Hour Monitoring Facilities

Amador County does not provide 24-hour monitoring of interoperability channels. The Amador County Sheriff's Office Communications Center is the initial point of contact for all county law enforcement, fire, ambulance, and OES services throughout the Amador County OA as well as the after-hours contact for city police departments and the county public works department.

This center is known by the following call sign: "**Amador**"

Countywide Coordinated Communications Center

Telephone: (209) 223-6513

CAL FIRE-Amador-EI Dorado ECC

This center is known by the following call sign: "**Camino**"

24/7 Telephone: (530) 647-5250

Regularly Monitored Channels

None

Shared Channel Infrastructure

No data currently available

Mountain Valley EMS Agency

(Alpine, Amador, Calaveras, Mariposa, Stanislaus)

1101 Standiford Ave #D1, Modesto, CA 95350

Telephone: (209) 529-5085 / Fax: (209) 529-1496

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Alpine | | | | |
| Med 1 | 468.000 | 463.000 | 100.0 | Prim |
| Med 2 | 468.025 | 463.025 | 179.9 | Prim |
| Amador | | | | |
| Med 13 | 458.425 | 453.425 | 100.0 | Prim |
| Med 3 | 468.250 | 463.050 | 167.9 | Alt |
| Med 8 | 468.175 | 463.175 | 100.0 | Alt |
| Med 9 | 468.950 | 463.950 | 100.0 | Alt |
| Calaveras | | | | |
| Med 3 | 468.050 | 463.050 | 107.2 | Alt |
| Med 9 | 467.950 | 462.950 | 167.9 | Prim |
| Mariposa | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|---------|--------|----------|
| Med 8 | 468.175 | 463.175 | 123.0 | Prim |
| Med 14 | 456.425 | 451.425 | 149.9 | Alt |
| Stanislaus | | | | |
| Med 1 | 468.000 | 463.000 | 179.9 | |
| Med 5 | 468.100 | 463.100 | 179.9 | |
| All Hospitals VHF Med - HEAR | | 155.385 | 88.5 | |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Alpine Medical | | | | |
| Markleeville | 154.100 | 153.800 | 107.2 | Prim |
| Bear Valley | 154.100 | 153.800 | 131.8 | Prim |
| Alpine Fire | | | | |
| Kirkwood-Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Bear Valley-San Andreas | 159.450 | 151.175 | 156.7 | Prim |
| Amador Medical | | | | |
| Med 10 | 467.975 | 462.975 | 100.0 | Prim |
| Med 13 | 458.425 | 453.425 | 100.0 | Alt |
| VHF | 159.225 | 151.190 | 123.0 | Alt |
| Amador Fire | | | | |
| Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Calaveras Medical | | | | |
| Med 9 | 467.950 | 462.950 | 167.9/ | Prim |
| Calaveras Fire | 151.175 | 151.175 | 103.5 | |
| San Andreas (CDF) | 159.450 | 151.175 | 110.9 | Prim |
| Mariposa Medical | | | | |
| Mariposa CDF | 151.460 | 159.390 | 146.2 | Prim |
| Mariposa CDF-Med 14 | 451.425 | 451.425 | 179.9 | Alt |
| Stanislaus Medical | | | | |
| AMR | 151.5725 | 160.055 | 1110.9 | Prim |
| | 155.295 | 155.295 | 88.5 | Alt |
| Stanislaus Fire | | | | |
| Modesto City | 154.145 | 155.940 | 123.0 | |
| Stanislaus County Fire | 153.770 | 153.770 | 123.0 | Duplex |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Butte County Operational Area

24-Hour Monitoring Facilities

Butte County operates two 24-hour dispatch centers.

The Sheriff's dispatch, located in Oroville, operates countywide on all Sheriff's channels. The Butte County Sheriff's dispatch is known by the following call sign: "**Butte County**"

Butte County Emergency Management

24/7 Telephone Sheriff Dispatch: (530) 538-7322

24/7 OASIS Sheriff Dispatch: 3-6301

The CAL-Fire-Butte County Fire dispatch, also located in Oroville, is a combined city/county countywide communications center.

The CAL-Fire-Butte County Fire dispatch is known by the following call sign: "**Oroville**"

CAL-Fire-Butte County Fire ECC

24/7 Telephone: (530) 538-6841

Emergency Services Coordinator: Lori Pini

Telephone: (530) 283-7447

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | VCALL10 | 155.7525 | 155.7525 | 156.7 |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |

Shared Channel Infrastructure

Butte Operational Area Radio (BOAR)

| VHF High - All Hazards Interoperability Radio System | | | | |
|--|------|-------------|------------|---------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| All Hazards | BOAR | 151.4900 | 155.1150 | 114.8 Rx / 173.8 Tx |

Calaveras County Operational Area

24-Hour Monitoring Facilities

Calaveras County does not provide 24-hour monitoring of interoperability channels. The Calaveras County Sheriff's Office Dispatch Center is the initial point of contact for all county law enforcement, fire, ambulance, and Office of Emergency Services (OES) throughout the Calaveras County Operational Area. The County Sheriff's Office Dispatch Center also serves as the after-hours contact for the city police department and the county public works department.

This center is known by the following call sign: "**Calaveras**"

Calaveras County Sheriff's Office Dispatch Center

Telephone: (209) 754-6500

CAL FIRE-Tuolumne-Calaveras ECC

This center is known by the following call sign: "**San Andreas**"

24/7 Telephone: (209) 754-1187

Regularly Monitored Channels

No data currently available

Shared Channel Infrastructure

No data currently available

Mountain Valley EMS Agency

(Alpine, Amador, Calaveras, Mariposa, Stanislaus)

1101 Standiford Ave #D1, Modesto, CA 95350

Telephone: (209) 529-5085 / Fax: (209) 529-1496

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Alpine | | | | |
| Med 1 | 468.000 | 463.000 | 100.0 | Prim |
| Med 2 | 468.025 | 463.025 | 179.9 | Prim |
| Amador | | | | |
| Med 13 | 458.425 | 453.425 | 100.0 | Prim |
| Med 3 | 468.250 | 463.050 | 167.9 | Alt |
| Med 8 | 468.175 | 463.175 | 100.0 | Alt |
| Med 9 | 468.950 | 463.950 | 100.0 | Alt |
| Calaveras | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|---------|--------|----------|
| Med 3 | 468.050 | 463.050 | 107.2 | Alt |
| Med 9 | 467.950 | 462.950 | 167.9 | Prim |
| Mariposa | | | | |
| Med 8 | 468.175 | 463.175 | 123.0 | Prim |
| Med 14 | 456.425 | 451.425 | 149.9 | Alt |
| Stanislaus | | | | |
| Med 1 | 468.000 | 463.000 | 179.9 | |
| Med 5 | 468.100 | 463.100 | 179.9 | |
| All Hospitals VHF Med - HEAR | | 155.385 | 88.5 | |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Alpine Medical | | | | |
| Markleeville | 154.100 | 153.800 | 107.2 | Prim |
| Bear Valley | 154.100 | 153.800 | 131.8 | Prim |
| Alpine Fire | | | | |
| Kirkwood-Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Bear Valley-San Andreas | 159.450 | 151.175 | 156.7 | Prim |
| Amador Medical | | | | |
| Med 10 | 467.975 | 462.975 | 100.0 | Prim |
| Med 13 | 458.425 | 453.425 | 100.0 | Alt |
| VHF | 159.225 | 151.190 | 123.0 | Alt |
| Amador Fire | | | | |
| Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Calaveras Medical | | | | |
| Med 9 | 467.950 | 462.950 | 167.9/ | Prim |
| Calaveras Fire | 151.175 | 151.175 | 103.5 | |
| San Andreas (CDF) | 159.450 | 151.175 | 110.9 | Prim |
| Mariposa Medical | | | | |
| Mariposa CDF | 151.460 | 159.390 | 146.2 | Prim |
| Mariposa CDF-Med 14 | 451.425 | 451.425 | 179.9 | Alt |
| Stanislaus Medical | | | | |
| AMR | 151.5725 | 160.055 | 1110.9 | Prim |
| | 155.295 | 155.295 | 88.5 | Alt |
| Stanislaus Fire | | | | |
| Modesto City | 154.145 | 155.940 | 123.0 | |
| Stanislaus County Fire | 153.770 | 153.770 | 123.0 | Duplex |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Colusa County Operational Area

24-Hour Monitoring Facilities

Colusa County Sheriff's Office

929 Bridge Street, Colusa, CA 95932

24-hour phone number: (530) 458-0200

Main Fax: (530) 458-4697 / Alternative Fax: (530) 458-2665

The Colusa County Sheriff's Office is known by the following call sign: **"Colusa County"**

CLETS Mnemonic: CLS0

NLETS ORI: CA0060000

Emergency Services Coordinator: Russ Jones

Telephone: (530) 458-0230

Regularly Monitored Channels

| VHF High | | | | |
|----------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |

| UHF | | | | |
|----------|----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CLERS | 453.8750 | 458.8750 | 110.9 |
| Law | CALAW 5 ¹ | 460.0250 | 465.0250 | 156.7 |
| Tactical | UTAC41 ¹ | 453.4625 | 458.4625 | 156.7 |

¹ These channels are not always enabled. They are included in a multi-frequency radio and must be "selected" to enable the channel.

Shared Channel Infrastructure

Gateway Infrastructure: The Colusa County Sheriff's Office maintains a Raytheon JPS ACU-T gateway. This gateway device can cross-connect VHF high-band, UHF, low-band and 800 MHz radios. These radios contain all local, state, national and federal interoperability channels as well as many surrounding OA local frequencies. The gateway equipment list includes a Yamaha Rhino for mountain top deployments.

Contra Costa County Operational Area

24-Hour Monitoring Facilities

Contra Costa County OA has two primary monitoring agencies within the county. The Contra Costa County Sheriff's Department and Contra Costa County Regional Fire Communications Center provide 24-hour monitoring of interoperability channels.

The Contra Costa County Sheriff's Department is known by the following call sign: **"Contra Costa Sheriff"**

Telephone: (925) 646-2441

The Contra Costa County Regional Fire Communications Center is known by the following call sign: **"CON FIRE"**

Telephone: (925) 941-3335

Regularly Monitored Channels

| VHF | | | | |
|------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |

| UHF – Law but available upon request | | | | |
|---|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 5 | 460.0250 | 465.0250 | 156.7 |
| <i>Note: This is a local mutual aid channel to which the county sheriff's department controls access. It is available upon request.</i> | | | | |

Shared Channel Infrastructure

Contra Costa Regional Fire Communications Center maintains a console system with the ability to patch the channels listed above locally to any other locally controlled interoperability channels. Each dispatch center has the ability to deploy gateways upon request.

Contra Costa County EMS Agency

1340 Arnold Drive, Suite 126, Martinez, CA 94553

Telephone: (925) 646-4690 / Fax: (925) 646-4379

| Channel Use | TX-Freq | RX-Freq | CTSS | EBRCs TG ID |
|----------------------------|---------|---------|---------|-------------|
| Contra Costa FPD (West) | 154.205 | 159.735 | 156.7 | 80006054 |
| Contra Costa FPD (Central) | 151.025 | 160.11 | 141.3 | 80006052 |
| Contra Costa FPD (East) | 154.205 | 159.615 | 186.2 | 80006053 |
| Moraga/Orinda FPD | 154.205 | 159.735 | 156.7 | 80006052 |
| Pinole/Rodeo FPD | 154.205 | 159.735 | 156.7 | 80006054 |
| Richmond FPD | None | None | None | 80006305 |
| San Ramon FPD | 154.995 | 153.995 | DPL 162 | 80006405 |

*All agencies who operate in Contra Costa County use the East Bay Regional Communication System (EBRCs) P25 system that is a 7/600 MHZ (VHF). This system does not have assigned frequencies for a talk group (channel) but has numerical values instead. This means scanning may work, however, to communicate other providers radio information outside would be to be put in the system.

Del Norte County Operational Area

24-Hour Facilities

Emergency Services Dispatch

Telephone: (707) 464-4191

CAL FIRE-Humboldt-Del Norte ECC

This center is known by the following call sign: **"Fortuna"**

24/7 Telephone: (707) 725-4412

Regularly Monitored Channels

No data currently available

Shared Channel Infrastructure

No data currently available

North Coast EMS Agency

(Del Norte, Humboldt, Lake)

3340 Glenwood Avenue, Eureka, CA 95501

Telephone: (707) 445-2081 / Fax: (707) 445-0443

Email: execdir@northcoast.com

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Del Norte Ambulance | | 155.175 | N/A | N/A |
| City Ambulance of Eureka Inc. | | | | |
| Crescent FPD | | 154.250 | N/A | N/A |
| Arcata/Mad River Ambulance Service | | 155.175 | N/A | N/A |
| Arcata FD | | 46.06 | N/A | N/A |
| Eureka FD | | 154.43 | N/A | N/A |
| Fortuna FD | | 33.70 | N/A | N/A |
| Garberville FD | | 46.22 | N/A | N/A |
| Humboldt Fire District #1 | | 154.325 | N/A | N/A |
| Loleta FD | | 154.010 | N/A | N/A |
| Clearlake Oaks FD | | 155.205 | N/A | N/A |
| Kelseyville FPD | | 155.025 | N/A | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|----------------------------|---------|---------|-------|----------|
| Lake County FPD | | 155.205 | N/A | N/A |
| Nice Volunteer FD | | 155.025 | N/A | N/A |
| Upper Lake FPD | | 155.025 | N/A | N/A |
| Northshore FPD | | | | |
| Briceland VFD | | | | |
| Blue Lake VFD | | | | |
| CAL FIRE | | | | |
| Carlotta VFD | | | | |
| Crescent City VFD | | | | |
| Ferndale FD | | | | |
| Fieldbrook VFD | | | | |
| Fort Dick Fire District | | | | |
| Fruitland Ridge VFD | | | | |
| Gasquet VFD | | | | |
| Honeydew VFD | | | | |
| Hoopa VFD | | | | |
| Klamath VFD | | | | |
| Kneeland FPD | | | | |
| Korbel VFD | | | | |
| Lakeport FD | | | | |
| Maple Creek VFD | | | | |
| Myers Flat VFD | | | | |
| Miranda FD | | | | |
| Orick VFD | | | | |
| Orleans Volunteer FD | | | | |
| Palo Verde VFD | | | | |
| Patricks Point VFD | | | | |
| Petrolia FPD | | | | |
| Phillipsville FD | | | | |
| Redcrest FD | | | | |
| Rio Dell VFD | | | | |
| Redway VFD | | | | |
| Salyer VFD | | | | |
| Salmon Creek VFD | | | | |
| Scotia Volunteer FD | | | | |
| Samoa Peninsula FD Smith | | | | |
| River Volunteer FD Shelter | | | | |
| Cover Fire Department | | | | |
| Southern Trinity VFD | | | | |
| South Lake County FD | | | | |
| Telegraph Ridge FD | | | | |
| Sprowel Creek VFD | | | | |
| Trinidad VFD | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Westhaven FD Weott Volunteer FD Willow Creek VFD Whitethorn Fire District Yurok Tribe VFD Lake Pillsbury FD | | | | |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

El Dorado County Operational Area

24-Hour Facilities

El Dorado County maintains three 24 hour dispatch centers providing 911 services on the west slope of the Sierra Nevada's and the South Lake Tahoe Basin.

El Dorado County Sheriff's Office is the Primary PSAP to the OP area and is responsible for OES in the county.

This center is known by the following call signs: "**El Dorado Central Dispatch**", "**Central Dispatch**", or "**Central**."

Telephone: (530) 621-6600

CAL FIRE-Amador-El Dorado ECC provides dispatch services for fire, EMS, and USFS on the west slope of the OP area.

This center is known by the following call sign: "**Camino**."

24/7 Telephone: (530) 647-5250

South Lake Tahoe Police Department provides dispatch services for SLT Police and for fire and EMS in the S. Lake Tahoe Basin of the OP area.

This center is known by the following call sign: "**PD**."

24/7 Telephone: (530) 542-6110

Sheriff's Department

Telephone: (530) 621-6600

Emergency Services Coordinator: The County ESC (OES) can be contacted at (530) 621-5895 during business hours.

24-hour coverage for County OES at (530) 621-6600.

Regularly Monitored Channels

| VHF High | | | | |
|----------|----------|-------------|------------|----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | T6 156.7 |
| Fire | VFIRE 21 | 154.2800 | 154.2800 | T6 156.7 |

EI Dorado County Operational Area (Cont'd)

Shared Channel Infrastructure

| VHF High - All Hazards Interoperability Radio System | | | | |
|--|---------|-------------|------------|----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| All Hazards | CALCORD | 156.0750 | 156.0750 | T6 156.7 |

EI Dorado County Sheriff's Office and the Sacramento Regional Radio Communications System (SRRCS) maintain a system patch between all SRRCS users and EI Dorado County Sheriff's Office "F2 T9" VHF radio system on Carpenter Peak at the county line. The system is activated by the SRRCS user with permission from EI Dorado.

EI Dorado County EMS Agency

2900 Fair Lane Court, Placerville, CA 95667

Telephone: (530) 621-6505 / Fax: (530) 621-2758

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|-----------------------------------|-----------------------------------|----------------------------|------------------------|
| Local Medical Coordination East Slope-Police West Slope | 154.445 159.225 | 156.03 151.19 | N/A Multiple | N/A N/A |
| Statewide Medical Coordination | Microwave | Microwave | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) East Slope-City Fire East Slope-Lake Valley West Slope | 154.445 N/A 159.225 | N/A 154.34 151.19 | N/A N/A Multiple | N/A N/A N/A |
| Direct to hospitals East Slope West Slope | Mednets Mednets | Mednets Mednets | Multiple Multiple | Cellphone Cellphone |
| Other (e.g. tactical, etc.) East Slope-S&R Sierra Channel East Slope-White Fire West Slope Command Channel | 160.875 154.280 159.270 | 160.875 154.280 154.430 | N/A N/A Multiple | N/A N/A N/A |

Fresno County Operational Area

24-Hour Monitoring Facilities

CAL FIRE-Fresno County Fire Protection District provides 24-hour monitoring of VFIRE 1 from the CAL FIRE Emergency Communications Center (ECC). This center is the point of contact for all fire departments in Fresno County, with the exception of the following cities: Fresno, Clovis, Selma, Firebaugh, Sanger, and Kingsburg.

This center is known by the following call sign: “**Fresno**”

Fresno CAL FIRE-Fresno County Fire Protection District ECC

Telephone: (559) 294-2009

Fresno Fire Department Dispatch

24/7 Telephone: (559) 600-7800

The Fresno County Sheriff's Office dispatch has a large range of contacts as part of its emergency plan and operations.

Fresno County Sheriff's Office

24/7 Telephone: (559) 600-3111

Fresno Police Department Dispatch

24/7 Telephone: (559) 621-7000

Fresno County EMS Communications Center

24/7 Telephone: (559) 600-7800

The Fresno County EMS Communications Center dispatches for the following FIRE agencies: Fresno Fire, Clovis Fire, Selma Fire, Sanger Fire, Kingsburg Fire, Laton Fire and Riverdale Fire.

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|---------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |
| Law | CALAW4 | 460.0250 | 465.0250 | Various |
| Law | VLAW31 | 155.475 CSQ | 155.4750 | 156.7 |

Fresno County Operational Area (Cont'd)

| UHF | | | | |
|------|---------|-------------|------------|--------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 4 | 460.0250 | 460.0250 | Varies |

Shared Channel Infrastructure

Fresno County LINKNET Channel

Sheriff Channel 8 (Receive 154.650/156.7 Transmit 159.150/156.7)

Fresno PD Channel 8 (Receive 453.525/156.7 Transmit 458.525/156.7)

Sheriff 800MHz Channel (Receive 854.9625/156.7 Transmit 809.9625/156.7)

Cross-banded for Law Enforcement use within Fresno County.

For more information, please contact Fresno Sheriff Dispatch at (559) 600-3111.

Central California EMS Agency

(Fresno, Kings, Madera, Tulare)

PO Box 11867, Fresno, CA 93775

Telephone: (559) 600-3387 / Fax: (559) 600-7691

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Local Medical Coordinator(real time) | | | | |
| Med 1 | 468.00 | 463.00 | 114.8 | N/A |
| Med 2 | 468.025 | 463.025 | 114.8 | N/A |
| Med 3 | 468.050 | 463.050 | 114.8 | N/A |
| Med 4 | 468.075 | 463.075 | 179.9 | N/A |
| Med 5 | 468.100 | 463.100 | 179.9 | N/A |
| Med 6 | 468.125 | 463.125 | 179.9 | N/A |
| Med 7 | 468.150 | 463.150 | 179.9 | N/A |
| Med 8 | 468.175 | 463.175 | 114.8 | N/A |
| Med 9 | 467.950 | 462.950 | 141.3 | N/A |
| Med 10 | 467.975 | 462.975 | 114.8 | N/A |
| Med 11 | 458.300 | 453.300 | 156.7 | N/A |
| Med 12 | 458.325 | 453.325 | 156.7 | N/A |
| Med 13 | 458.1875 | 458.1875 | 156.7 | N/A |
| Med 14 | 456.425 | 451.425 | 114.8 | N/A |
| Med 15 | 466.575 | 461.575 | 114.8 | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Med 16 | 468.625 | 463.625 | 156.7 | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Hanford City Fire | 465.575 | 460.575 | 146.2 | N/A |
| Kings County Fire | 465.625 | 460.600 | 146.2 | N/A |
| Fresno City Fire | | 153.845 | 173.8 | N/A |
| Clovis City Fire | | 154.235 | 103.5 | N/A |
| Fresno County Fire | | 153.890 | None | N/A |
| NCFPD | | 154.190 | 100.0 | N/A |
| Fire White Net 1 | | 154.280 | None | N/A |
| HEAR | | 155.340 | None | N/A |
| Madera County Fire | | 151.460 | None | N/A |
| Tulare City Fire | 155.055 | 154.335 | 162.2 | N/A |
| Visalia City Fire | 155.055 | 154.325 | 131.8 | N/A |
| Portville City Fire | 155.085 | 156.000 | 123.0 | N/A |
| Tulare County Fire | 155.895 | 154.010 | 131.8 | N/A |
| Dinuba City Fire | 156.075 | 154.085 | 146.2 | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | | | | |
| CALCORD | 156.075 | 156.075 | 156.7 | N/A |

Glenn County Operational Area

24-Hour Facilities

The Glenn County Sheriff's Office Communications Center is the initial POC for all County law enforcement, fire, medical and OES services. (Primary PSAP)

This center is known by the following call sign: "**Glenn County**"

24/7 Dispatch Center

Telephone: (530) 934-6431

24/7 OASIS: 3-5701 - 3-5708

CLETS mnemonic: WIL0

NLETS ORI: CA0110000

Office of Emergency Services

Business Hours: (530) 934-6441

After Hours: (530) 934-6431

CAL FIRE-Tehama-Glenn ECC

This center is known by the following call sign: "**Red Bluff**"

24/7 Telephone: (530) 527-2241

Emergency Services Coordinator: Amy Travis, Glenn County Sheriff's Office (GCSO) Deputy Director of OES

Telephone: (530) 934-6441

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW 1 | 154.9200 | 154.9200 | None |

Shared Channel Infrastructure

| VHF High | | | | |
|-----------------|-------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law Enforcement | Sheriffs Dispatch South | 154.8450 | 155.5500 | 123.0 |
| Law Enforcement | Sheriffs Dispatch North | 154.8450 | 155.7900 | 123.0 |

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Antelope Mountain Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency Sierra County Providers Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc.) (varied by each local agency) VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Humboldt County Operational Area

24-Hour Monitoring Facilities

Sheriff Dispatch

24-hour Telephone: (707) 445-7319

CAL FIRE-Humboldt-Del Norte ECC

This center is known by the following call sign: **“Fortuna”**

24/7 Telephone: (707) 726-1280

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |

Shared Channel Infrastructure

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| FIRE | VFIRE 1 | 154.2800 | 154.2800 | CSQ |
| ALL | VCALL | 155.7525 | 155.7525 | 156.7 |
| SAR | SAR | 155.1600 | 155.1600 | CSQ |

North Coast EMS Agency

(Del Norte, Humboldt, Lake)

3340 Glenwood Avenue, Eureka, CA 95501

Telephone: (707) 445-2081 / Fax: (707) 445-0443

Email: execdire@northcoast.com

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) Del Norte Ambulance City Ambulance of Eureka Inc. | | 155.175 | N/A | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|------------------------------------|---------|---------|-------|----------|
| Crescent FPD | | 154.250 | N/A | N/A |
| Arcata/Mad River Ambulance Service | | 155.175 | N/A | N/A |
| Arcata FD | | 46.06 | N/A | N/A |
| Eureka FD | | 154.43 | N/A | N/A |
| Fortuna FD | | 33.70 | N/A | N/A |
| Garberville FD | | 46.22 | N/A | N/A |
| Humboldt Fire District #1 | | 154.325 | N/A | N/A |
| Loleta FD | | 154.010 | N/A | N/A |
| Clearlake Oaks FD | | 155.205 | N/A | N/A |
| Kelseyville FPD | | 155.025 | N/A | N/A |
| Lake County FPD | | 155.205 | N/A | N/A |
| Nice Volunteer FD | | 155.025 | N/A | N/A |
| Upper Lake FPD | | 155.025 | N/A | N/A |
| Northshore FPD | | | | |
| Briceland VFD | | | | |
| Blue Lake VFD | | | | |
| CAL FIRE | | | | |
| Carlotta VFD | | | | |
| Crescent City VFD | | | | |
| Ferndale FD | | | | |
| Fieldbrook VFD | | | | |
| Fort Dick Fire District | | | | |
| Fruitland Ridge VFD | | | | |
| Gasquet VFD | | | | |
| Honeydew VFD | | | | |
| Hoopa VFD | | | | |
| Klamath VFD | | | | |
| Kneeland FPD | | | | |
| Korbel VFD | | | | |
| Lakeport FD | | | | |
| Maple Creek VFD | | | | |
| Myers Flat VFD | | | | |
| Miranda FD | | | | |
| Orick VFD | | | | |
| Orleans Volunteer FD | | | | |
| Palo Verde VFD | | | | |
| Patricks Point VFD | | | | |
| Petrolia FPD | | | | |
| Phillipsville FD | | | | |
| Redcrest FD | | | | |
| Rio Dell VFD | | | | |
| Redway VFD | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Salyer VFD Salmon Creek VFD Scotia Volunteer FD Samoa Peninsula FD Smith River Volunteer FD Shelter Cover Fire Department Southern Trinity VFD South Lake County FD Telegraph Ridge FD Sprowel Creek VFD Trinidad VFD Westhaven FD Weott Volunteer FD Willow Creek VFD Whitethorn Fire District Yurok Tribe VFD Lake Pillsbury FD | | | | |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Imperial County Operational Area

24-Hour Facilities

Emergency Services Office

Telephone (non-working hours): 442-265-6000

Imperial Fire Station #1

Telephone: (442) 265-3010

The **Imperial County Sheriff Department** is known by the following call sign: **"El Centro 2"**

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |

| 800 MHz | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 8CALL90 | 851.0125 | 806.0125 | 156.7 |
| Law | CALAW8 | 853.5125 | 808.5125 | 156.7 |
| Fire/EMS | CAFIRE1 | 853.9875 | 808.9875 | 156.7 |

Shared Channel Infrastructure

The San Diego County – Imperial County Regional Communications System (RCS) provides a shared, multi-agency (State, Local and Federal agencies) interoperable communications system. For more information, please visit

<https://www.rcs800mhz.org>.

Imperial County EMS Agency

Imperial County Public Health Department

935 Broadway Ave, El Centro, CA 92243

Telephone: (442) 265-1364 / Fax: (760) 482-4517

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) Med 2 | | | N/A | Prim |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | | | N/A | Prim |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospitals | | | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Inyo County Operational Area

24-Hour Facilities

The Inyo County provides 24-hour monitoring through its Communications Center, staffed by the Inyo County Sheriff's Office. This center is the point of contact for Inyo County Sheriff's Law Enforcement.

This center is known by the following call sign: **"Control 1"**

Emergency Operations Center

Telephone: (760) 878-0383

Regularly Monitored Channels

| VHF High | | | | |
|----------|-------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW | 154.9200 | 154.9200 | None |

Shared Channel Infrastructure

No data currently available

Inland Counties EM Agency

1425 South "D" Street, San Bernardino, CA 92415-0060

Telephone: (909) 388-5823 / Fax: (909) 388-5825

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|--------------------|--------------------|----------------|--------------------|
| Local Medical Coordination (real time) San Bernardino | 800 MHz (6ALS1) | 800 MHz (6ALS1) | N/A | N/A |
| Inyo Mono | 155.865 154.025 | 155.895 154.025 | 131.8 131.8 | Primary Primary |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | 800 MHz (6ALS1) | 800MHz (6ALS1) | N/A | N/A |
| Dispatch (for each EMS Agency) Mono | 155.760 | 153.860 | 136.5 | N/A |
| Direct to Hospitals Mono | 155.895 | 154.025 | 136.5 | N/A |
| Other (e.g. tactical, etc.) HEAR NGT | N/A | N/A | N/A | N/A |

Kern County Operational Area

24-Hour Monitoring Facilities

Kern County operates two 24-hour emergency dispatch centers. The **Sheriff's Dispatch** located in Bakersfield operates county-wide on all Sheriff Channels.

This center is known by the following call sign: **"Control One"**

Sheriff Dispatch

Telephone: (661) 861-3110

The **Fire Dispatch**, also located in Bakersfield, is a combined city/county countywide communications center. Fire dispatches the departments of Kern County, the City of Bakersfield, and the City of California City.

This center is known by the following call sign: **"ECC"**

Fire Dispatch

Telephone: (661) 861-2521 and (661) 324-4542

Regularly Monitored Channels

| VHF High | | | | |
|--|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |
| ¹ State VFIRE21 is only monitored in the field by Fire on an as-needed basis. | | | | |

| UHF | | | | |
|----------------------------|------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 4 | 460.0250 | 465.0250 | 131.8 |
| Law | CALAW 4D | 460.0250 | 460.0250 | 156.7 |
| County-wide simulcasted MA | Kern County Mutual Aid | 453.2250 | 458.2250 | 131.8 |

Kern County Operational Area (Cont'd)

Shared Channel Infrastructure

| VHF | | | | |
|------|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Local Law VHF LB | 45.0600 | 42.3800 | 136.5 |
| Law | Local Law VHF HB | 155.0100 | 158.7900 | D-411 |

| UHF | | | | |
|------|------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | LOCAL LAW UHF | 453.7250 | 458.7250 | 131.8 |

Kern County, City of Bakersfield, and State of California operate on and monitor a tri-band mutual aid law enforcement channel in the greater Bakersfield area. The channel is called “Local Law.” This channel is maintained by the communications shop in the City of Bakersfield.

The Kern County Police Chief’s Association also operates under a Memorandum of Understanding (MOU) authorizing each law enforcement agency to operate on all other agency’s radio frequencies. With the exception of Bakersfield Police Departments, all in-county police departments operate in the UHF Range II band.

Kern County Police Chief’s Association also operates with three gateway switches that can deploy when needed.

Kern County EMS Agency

1800 Mt. Vernon Ave., Bakersfield, CA 93306
Telephone: (661) 868-5216 / Fax: (661) 868-1204

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| MUTUAL AID R County Mutual Aid | 453.2250 | 458.2250 | 131.8 | 131.8 |
| Med 1R / Soledad | 463.0000 | 468.0000 | 186.2 | 186.2 |
| Med 2D / Direct | 463.0250 | 463.0250 | | 186.2 |
| Med 3R / Fm Hill | 463.0500 | 468.0500 | 186.2 | 186.2 |
| Med 4D / Direct | 463.0750 | 463.0750 | | 186.2 |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|----------|----------|---------|----------|
| Med 5R / Grapevine | 463.1000 | 468.1000 | 186.2 | 186.2 |
| Med 6D / Direct | 463.1250 | 463.1250 | | 186.2 |
| Med 7R / Mebane | 463.1500 | 468.1500 | 186.2 | 186.2 |
| Med 8D / Direct | 463.1750 | 463.1750 | | 186.2 |
| Med 9R / County-wide | 462.9500 | 467.950 | 186.2 | 186.2 |
| Med 10D / Direct | 462.9750 | 462.9750 | | 186.2 |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | | | |
| Med 7 | 463.1500 | 468.1500 | 186.2 | 186.2 |
| Med 9 | 462.9500 | 467.9500 | 186.2 | 186.2 |
| | | | | |
| Dispatch (for each EMS Agency) | | | | |
| Several, Not centralized | | | | |
| Direct to Hospitals | | | | |
| Med 9 | 462.9500 | 467.9500 | 186.2 | 186.2 |
| Assigned COR Radio Frequencies (Non-Repeater, line-of-sight only) | | | | |
| Med-1 / San Joaquin Hospital | | 463.000 | 468.000 | PL 173.8 |
| Med-2 / Mercy Main | | 463.025 | 468.025 | PL 173.8 |
| Med-3 / Bakersfield Memorial Hospital | | 463.050 | 468.050 | PL 173.8 |
| Med-4 / Delano Regional Medical Center | | 463.075 | 468.075 | PL 173.8 |
| Med-5 / Kern Medical Center | | 463.100 | 468.100 | PL 173.8 |
| Med-10 / Bakersfield Heart Hospital | | 462.975 | 467.975 | PL 173.8 |
| Greater Bakersfield & Delano (Kern Medical Center, Mercy Hospital, San Joaquin Hospital, Bakersfield Memorial Hospital, Heart Hospital, Mercy Southwest Hospital, Delano Regional Medical Center) | | | | |
| MED9R / County-wide | 462.9500 | 467.9500 | 186.2 | 186.2 |
| MED5R / Grapevine | 463.1000 | 468.1000 | 186.2 | 186.2 |
| Kern Valley Hospital | | | | |
| MED9R / County-wide | 462.9500 | 467.9500 | 186.2 | 186.2 |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|-------------------------------------|----------|----------|-------|----------|
| Tehachapi Hospital | | | | |
| MED9R / County-wide | 462.9500 | 467.9500 | 186.2 | 186.2 |
| MED1R / Soledad | 463.0000 | 468.0000 | 186.2 | 186.2 |
| Ridgecrest Regional Hospital | | | | |
| MED9R / County-wide | 462.9500 | 467.9500 | 186.2 | 186.2 |
| MED3R / FM Hill (Lone Butte) | 463.0500 | 468.0500 | 186.2 | 186.2 |
| Other (e.g. tactical, etc.) | | | | Alert |
| Med 7 | 463.1500 | 468.1500 | 186.2 | Med-Com |

Kings County Operational Area

24-Hour Monitoring Facilities

Kings County provides 24-hour monitoring of interoperability channels through its Countywide Coordinated Communications Center, staffed by the Kings County Sheriff's Office. This center is the point of contact for Kings County Law Enforcement and Kings County Fire throughout the Kings County OA.

This center is known by the following call signs: **"Kings County"** or **"County Fire"**

Countywide Coordinated Communications Center

Telephone: (559) 584-9276

Regularly Monitored Channels

| VHF High | | | | |
|--|-----------------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE 21 ¹ | 154.2800 | 154.2800 | 156.7/156.7 |
| Fire | VFIRE 22 ¹ | 154.2650 | 154.2650 | 156.7/156.7 |
| MA | CALCORD ¹ | 156.0750 | 156.0750 | 156.7/156.7 |
| MA | XKI EAST | 151.0175 | 155.8575 | 146.2/146.2 |
| ¹ State VFIRE 21, VFIRE 22 and CALCORD are only monitored in the field by Fire on an-as-needed bases. | | | | |

| UHF | | | | |
|------|----------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 4D | 460.0250 | 460.0250 | 156.7/156.7 |
| MA | XKI EAST | 460.0750 | 465.0750 | 146.2/146.2 |

Shared Channel Infrastructure

None

Central California EMS Agency

(Fresno, Kings, Madera, Tulare)

PO Box 11867, Fresno, CA 93775

Telephone: (559) 600-3387 / ax: (559) 600-7691

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Local Medical Coordinator(real time) | | | | |
| Med 1 | 468.00 | 463.00 | 114.8 | N/A |
| Med 2 | 468.025 | 463.025 | 114.8 | N/A |
| Med 3 | 468.050 | 463.050 | 114.8 | N/A |
| Med 4 | 468.075 | 463.075 | 179.9 | N/A |
| Med 5 | 468.100 | 463.100 | 179.9 | N/A |
| Med 6 | 468.125 | 463.125 | 179.9 | N/A |
| Med 7 q | 468.150 | 463.150 | 179.9 | N/A |
| Med 8 | 468.175 | 463.175 | 114.8 | N/A |
| Med 9 | 467.950 | 462.950 | 141.3 | N/A |
| Med 10 | 467.975 | 462.975 | 114.8 | N/A |
| Med 11 | 458.300 | 453.300 | 156.7 | N/A |
| Med 12 | 458.325 | 453.325 | 156.7 | N/A |
| Med 13 | 458.1875 | 458.1875 | 156.7 | N/A |
| Med 14 | 456.425 | 451.425 | 114.8 | N/A |
| Med 15 | 466.575 | 461.575 | 114.8 | N/A |
| Med 16 | 468.625 | 463.625 | 156.7 | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Hanford City Fire | 465.575 | 460.575 | 146.2 | N/A |
| Kings County Fire | 465.625 | 460.600 | 146.2 | N/A |
| Fresno City Fire | | 153.845 | 173.8 | N/A |
| Clovis City Fire | | 154.235 | 103.5 | N/A |
| Fresno County Fire | | 153.890 | None | N/A |
| NCFPD | | 154.190 | 100.0 | N/A |
| Fire White Net 1 | | 154.280 | None | N/A |
| HEAR | | 155.340 | None | N/A |
| Madera County Fire | | 151.460 | None | N/A |
| Tulare City Fire | 155.055 | 154.335 | 162.2 | N/A |
| Visalia City Fire | 155.055 | 154.325 | 131.8 | N/A |
| Portville City Fire | 155.085 | 156.000 | 123.0 | N/A |
| Tulare County Fire | 155.895 | 154.010 | 131.8 | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Dinuba City Fire | 156.075 | 154.085 | 146.2 | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) CALCORD | 156.075 | 156.075 | 156.7 | N/A |

Lake County Operational Area

24-Hour Facilities

Lake County Sheriff's Office

This Center is known by the following call sign: **"Central"**

24/7 Telephone: (707) 263-2690

Clearlake Police Department

This Center is known by the following call sign: **"Clearlake"**

24/7 Telephone: (707) 994-8251

CAL FIRE-Sonoma-Lake-Napa ECC

This Center is known by the following call sign: **"St. Helena"**

24/7 Telephone: (707) 963-9636

Regularly Monitored Channels

| VHF High - Lake County Sheriff's Office | | | | |
|---|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |

| VHF High - Clear Lake Police Department | | | | |
|---|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |

| VHF High - St. Helena ECC | | | | |
|---------------------------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |
| Fire | VFIRE 21 | 154.2800 | 154.2800 | 156.7 |

Lake County Operational Area (Cont'd)**Shared Channel Infrastructure**

Lake County uses local frequencies that are shared with all law enforcement and fire agencies within the county borders.

| Lake County Sheriff's Office | | | | |
|------------------------------|-----------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Lake SO Seigler | 155.9700 | 155.6250 | 162.2 |
| Law | Lake SO Konocti | 155.9700 | 155.6250 | D155N |
| Law | Lake SO Tac | 155.0700 | 155.0700 | 88.5 |
| Law | Lakeport PD | 155.6850 | 155.6850 | 88.5 |

| Clearlake Police Department | | | | |
|-----------------------------|--------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Clearlake PD | 155.3175 | 158.8575 | D074N |

| St. Helena ECC | | | | |
|----------------|-------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Lake Red | 155.0250 | 154.0550 | 146.2 |
| Fire | Lake Yellow | 154.2350 | 154.2350 | 88.5 |
| Fire | Lake Blue | 154.1750 | 154.1750 | 88.5 |
| Fire | LNU East | 151.3400 | 159.3150 | 136.5 |

North Coast EMS Agency

(Del Norte, Humboldt, Lake)

3340 Glenwood Avenue, Eureka, CA 95501

Telephone: (707) 445-2081 / Fax: (707) 445-0443

Email: execdir@northcoast.com

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Del Norte Ambulance | | 155.175 | N/A | N/A |
| City Ambulance of Eureka Inc. | | | | |
| Crescent FPD | | 154.250 | N/A | N/A |
| Arcata/Mad River Ambulance Service | | 155.175 | N/A | N/A |
| Arcata FD | | 46.06 | N/A | N/A |
| Eureka FD | | 154.43 | N/A | N/A |
| Fortuna FD | | 33.70 | N/A | N/A |
| Garberville FD | | 46.22 | N/A | N/A |
| Humboldt Fire District #1 | | 154.325 | N/A | N/A |
| Loleta FD | | 154.010 | N/A | N/A |
| Clearlake Oaks FD | | 155.205 | N/A | N/A |
| Kelseyville FPD | | 155.025 | N/A | N/A |
| Lake County FPD | | 155.205 | N/A | N/A |
| Nice Volunteer FD | | 155.025 | N/A | N/A |
| Upper Lake FPD | | 155.025 | N/A | N/A |
| Northshore FPD | | | | |
| Briceland VFD | | | | |
| Blue Lake VFD | | | | |
| CAL FIRE | | | | |
| Carlotta VFD | | | | |
| Crescent City VFD | | | | |
| Ferndale FD | | | | |
| Fieldbrook VFD | | | | |
| Fort Dick Fire District | | | | |
| Fruitland Ridge VFD | | | | |
| Gasquet VFD | | | | |
| Honeydew VFD | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Hoopa VFD Klamath VFD Kneeland FPD Korbel VFD Lakeport FD Maple Creek VFD Myers Flat VFD Miranda FD Orick VFD Orleans Volunteer FD Palo Verde VFD Patricks Point VFD Petrolia FPD Phillipsville FD Redcrest FD Rio Dell VFD Redway VFD Salyer VFD Salmon Creek VFD Scotia Volunteer FD Samoa Peninsula FD Smith River Volunteer FD Shelter Cover Fire Department Southern Trinity VFD South Lake County FD Telegraph Ridge FD Sprowel Creek VFD Trinidad VFD Westhaven FD Weott Volunteer FD Willow Creek VFD Whitethorn Fire District Yurok Tribe VFD Lake Pillsbury FD | | | | |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Lassen County Operational Area

24-Hour Facilities

Susanville Interagency Fire Center

This center is known by the call sign: “**Susanville**”

Telephone: (530) 257-5575

Lassen County Sheriff's Office

This center is known by the call sign: “**Lassen County**”

Telephone: (530) 257-6121

Regularly Monitored Channels

| VHF High - Lassen County Sheriff's Office | | | | |
|---|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |

| VHF High - Susanville Interagency Fire Center | | | | |
|---|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |

Shared Channel Infrastructure

No data currently available

Northern California EMS Agency

(Lassen, Modoc, Plumas, Sierra, Trinity)

930 Executive Way, Suite 150, Redding, CA 96002

Telephone: (530) 229-3979 / Fax: (530) 229-3984

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Bass Mountain Shasta | 468.075 | 463.075 | 4,14 | |
| Beckworth Peak Plumas | 468.175 | 463.175 | 8,5 | N/A |
| Bloomer Hill Butte | 468.050 | 463.050 | 3,13 | N/A |
| Bloomer Hill Butte | 468.175 | 463.175 | 8,13 | N/A |
| Bloomer Hill Butte | 468.000 | 463.000 | 1,13 | N/A |
| Bunchgrass Shasta | 468.175 | 463.175 | 8,6 | N/A |
| Butte Hall, CSU Butte | 468.075 | 463.075 | 4,13 | N/A |
| Cedarville Modoc | 468.125 | 463.125 | 7,6 | N/A |
| Dyer Mountain Lassen | 468.150 | 463.150 | 7,5 | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Flea Mountain Plumas | 468.050 | 463.050 | 3,15 | N/A |
| Grouse Mountain Modoc | 468.050 | 463.050 | 3,6 | N/A |
| Hamilton Mountain Lassen | 468.025 | 463.025 | 2,6 | N/A |
| Hough Mountain Plumas | 468.125 | 463.125 | 6,5 | N/A |
| Likely Mountain Lassen | 468.125 | 463.125 | 6,6 | N/A |
| Oregon Mountain Trinity | 468.125 | 463.125 | 6,14 | N/A |
| Red Hill Plumas | 468.125 | 463.125 | 6,15 | N/A |
| Shaffer Mountain Lassen | 468.075 | 463.075 | 4,6 | N/A |
| Shasta Bally Shasta | 468.050 | 463.050 | 3,14 | N/A |
| South Fork Mountain Shasta | 468.025 | 463.025 | 2,14 | N/A |
| South Fork Mountain (SHASCOM Disp) Shasta | 467.975 | 462.975 | 10,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Widow Mountain Modoc | 468.100 | 463.100 | 5,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 |
| Dispatch (for each EMS Agency) Northern California EMS Agency | | | | |
| Lassen County Providers – SIFC – PSAP | 154.010 | 154.445 | N/A | P |
| Modoc County Providers Modoc County SO-PSAP | 158.835 | 153.290 | N/A | P |
| Plumas County Providers | | | | |
| Plumas County SO – PSAP (South County) | 153.770 | 154.190 | N/A | P |
| SIFC – PSAP (North County) | 155.085 | 155.085 | N/A | P |
| Sierra County Providers Sierra County SO – PSAP | 156.165 | 156.165 | N/A | P |
| Trinity County Providers – Trinity County SO – PSAP | 158.760 | 154.785 | N/A | P |
| Direct to hospitals – Northern California EMS Agency | | | | |
| Banner Lassen Medical Center | 468.075 | 463.075 | PL4 | P |
| Eastern Plumas Health Care | 468.175 | 463.175 | PL8 | P |
| Modoc Medical Center | 468.050 | 463.050 | PL3 | P |
| Plumas District Hospital | 468.125 | 463.125 | PL6 | P |
| Seneca District Hospital | 468.150 | 463.150 | PL7 | P |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|--------------------|--------------------|------------|----------|
| Surprise Valley Hospital Trinity Hospital | 468.150 468.125 | 463.150 463.125 | PL7 PL6 | Sec P |
| Other (e.g. tactical, etc. (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Los Angeles County Operational Area

24-Hour Monitoring Facilities

Los Angeles County Sheriff's Department

Telephone: (866) 527-8277

(Contact via radio on RTC/SCC Access channel)

California Highway Patrol

Telephone: (323) 982-4971

Los Angeles County Fire Department

Telephone: (323) 881-2455

Regularly Monitored Channels

| VHF High | | | | |
|---|----------------------|-------------|------------|------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 ¹ | 154.9200 | 154.9200 | None |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |
| Fire | Cal OES 1B | 154.1600 | 159.1950 | None/136.5 |
| ¹ Monitored by the California Highway Patrol | | | | |

Shared Channel Infrastructure

CALAW 5 with CTCSS 156.7 is used for interoperability between Los Angeles County and Orange County. The Link is established at the Los Angeles County and Orange County communication centers.

CALAW 22 is used within the County of Los Angeles.

UTAC42 458.7125 (repeater transmit) – 453.7125 (repeater receive) is used for interoperability between Los Angeles County and San Bernardino County. The Link is established at the Los Angeles County communication center and Claremont Police Department. San Bernardino County Sheriff and other dispatch centers in the county monitor and can access this channel. Coverage is throughout the San Bernardino County valley area, Cajon Pass, and the greater Victor Valley.

Los Angeles County Operational Area (Cont'd)

All **UCALL** and **UTAC** channels are programmed into Los Angeles County Sheriff's radios. All Los Angeles County Fire Department radios have both VCALL/VTACs and UCALL/UTACs programmed into portable and mobile radios.

Los Angeles Regional Tactical Communications System (LARTCS)

Los Angeles Regional Tactical Communications System Contact and Activation Process

When direct communications with other participating agencies is not available or after the desired agency has been contacted:

- 1. Contact SCC Watch Commander at (866) LARTCS7 (527-8277), or via SCC access channel.*
- 2. Advise SCC whom you wish to communicate with.*
- 3. Advise participating agency(ies) that LARTCS is active and the assigned channel/frequency.*
- 4. Notify SCC and participating agency when activity is completed.*

LARTCS Channels and Frequencies

Use of the LARTC channels and frequencies can only be granted to agencies that have agreed to, and have submitted, a signed copy of the LARTCS Memorandum of Understanding (MOU). Failure to comply with the operating guidelines set forth in the MOU may be grounds for termination of the MOU.

The only exception to the above is for mutual aid agencies responding into Los Angeles County who have been requested through mutual aid and have a specific channel assignment.

| VHF Low | | | | |
|---------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW7 | 39.4600 | 45.8600 | 156.7 |

Los Angeles County Operational Area (Cont'd)

| VHF High | | | | |
|---|-----------------------|-------------|------------|---------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| All Hzrd | LARTCS-3V | 159.1800 | 155.5200 | CSQ/100.0/ 156.7 |
| All Hzrd | LARTCS-4V | 159.0300 | 155.5800 | CSQ/100.0 |
| All Hzrd | LARTCS-5V | 159.1500 | 155.3700 | CSQ/100.0 |
| All Hzrd | LARTCS-3V (PR) | 159.1800 | 155.5200 | CSQ/MPL |
| All Hzrd | LARTCS-4V (PR) | 159.0300 | 155.5800 | CSQ/MPL |
| All Hzrd | LARTCS-5V (PR) (1) | 159.1500 | 155.3700 | CSQ/MPL |
| <p><i>All Hzrd = All Hazards, PR = Portable Repeater</i> <i>(1) LARTCS-5V should be used in West LA County (San Fernando and Santa Clarita Valleys) only.</i> A) RTC-3V Tx PL tone of 100.0 is for access to the Mt. Lee repeater. B) RTC-3V Tx PL tone of 156.7 is for access to the Castro Peak repeater. C) RTC-4V Tx PL tone of 100.0 is for access to the Mt. Lee repeater. D) RTC-5V Tx PL tone of 100.0 is for access to the Oat Mtn. repeater.</p> | | | | |

| UHF 450-512 MHz | | | | |
|--|------------------------|-------------|------------|-----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| RTC ACC | LARTC ACC | 483.5625 | 486.5625 | CSQ/186.2 |
| All Hzrd | LARTCS-1U/MA1 | 483.5875 | 486.5875 | CSQ/186.2 |
| All Hzrd | LARTCS-2U/MA2 | 484.0875 | 487.0875 | CSQ/186.2 |
| All Hzrd | LARTCS-3U/MA3 | 483.7875 | 486.7875 | CSQ/186.2 |
| All Hzrd | LARTCS-4U/MA4 | 484.1375 | 487.1375 | CSQ/186.2 |
| All Hzrd | LARTCS-5U/MA5 | 484.0625 | 487.0625 | CSQ/186.2 |
| All Hzrd | LARTCS-6U ¹ | 415.8000 | 406.8000 | 103.5 |
| <p><i>All Hzrd = All Hazards. ¹ UHF channel for Federal Agencies</i> <i>LARTCS ACC is LA County Sheriff Radio Center.</i> <i>LA Countywide "all agency" Mutual Aid channels 1 thru 5.</i></p> | | | | |

Los Angeles County Operational Area (Cont'd)

| 800 MHz | | | | |
|---|---------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| All Hzrd | 8-CALL 90 SPH | 851.0125 M | 806.0125 M | 156.7 |
| All Hzrd | 8-TAC 91 SPH | 851.5125 M | 806.5125 M | 156.7/110.9 |
| All Hzrd | 8-TAC 92 SPH | 852.0125 M | 807.0125 M | 156.7/110.9 |
| All Hzrd | 8-TAC 93 SPH | 852.5125 M | 807.5125 M | 156.7/110.9 |
| All Hzrd | 8-TAC 94 SPH | 853.0125 M | 808.0125 M | 156.7/110.9 |
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| All Hzrd | 8-CALL 90 VPK | 851.0125 M | 806.0125 M | 156.7 |
| All Hzrd | 8-TAC 91 VPK | 851.5125 M | 806.5125 M | 156.7/123.0 |
| All Hzrd | 8-TAC 92 VPK | 852.0125 M | 807.0125 M | 156.7/123.0 |
| All Hzrd | 8-TAC 93 VPK | 852.5125 M | 807.5125 M | 156.7/123.0 |
| All Hzrd | 8-TAC 94 VPK | 853.0125 M | 808.0125 M | 156.7/123.0 |
| All Hzrd = All Hazards , SPH = San Pedro Hill, VPK = Verdugo Peak "M" indicates mixed analog/digital mode. | | | | |

LFD Interoperability/Portable Repeater Vehicles (213) 485-6185

The Los Angeles Fire Department staffs on an on-call basis the following interoperability equipment:

- Suburban with ACU-1000, (2) Analog 800 MHz, (2) UHF Digital 450-482 MHz, (1) Digital 482-512 MHz, (2) Analog 148-174 MHz radios.
- Suburban with ACU-1000, (2) Analog 800 MHz, (1) EDACS Trunked 800 MHz analog, (2) UHF Digital 450-520 MHz, (1) Digital 380-470 MHz, (2) Analog 136-174 MHz radios.
- Repeater Trailer with four 100 watt 800 MHz repeaters & four UHF T-band repeaters.
- Hum-V with Two portable 800 MHz repeaters.
- Additional equipment:
 - a. 800 MHz portable repeaters.
 - b. VHF portable repeaters.

Los Angeles County EMS Agency

10100 Pioneer Blvd., Suite 200, Santa Fe Springs, California 90670
 Telephone: (562) 347-1500 / Fax: (562) 941-5835

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Shared w/other counties | 155.340 | N/A | N/A | N/A |
| HEAR – intra county | 155.280 | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospital | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | | | | |
| ReddiNet – For disasters | 968.000 | N/A | N/A | N/A |

Madera County Operational Area

24-Hour Facilities

Madera County Sheriff's Office

This center is known by the following call sign: **"Madera"**
General Telephone 24/7: (559) 675-7770

Madera County on US Forest Service lands dispatch

Telephone: (559) 500-4546

CAL FIRE-Madera-Mariposa-Merced ECC

This center is known by the following call sign: **"Mariposa"**
24/7 Telephone: (209) 966-3621

Emergency Services Coordinator:

Joseph Wilder: (559) 675-7770 Ext 231

Cell Phone 24/7: (559) 760-5201 (SAR/OES Duty Officer can be reached via Sheriff's Dispatch)

Regularly Monitored Channels

| VHF High | | | | |
|---------------------------|---------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Dispatch (Primary) | Madera Co SO1 | 150.9950 | 156.2400 | 156.7 |
| Secondary (Mutual Aid) | Madera Co SO3 | 151.0700 | 159.1650 | 156.7 |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |

Madera Operational Area (Cont'd)**Shared Channel Infrastructure**

Available radio capacity: ACU 1000 with UHF and VHF capacity and preloaded 7 county (central California) UHF and VHF; ACU with connectors for all major radio manufacturer portable radios.

| Madera Platinum 10 | | | | |
|---|--------------------------------|-------------|------------|---------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Command | Madera SO3 | 151.0700 | 159.1650 | 156.7/156.7 |
| Command | Chowchilla PD2 ¹ | 453.7500 | 458.7500 | DPL 026 |
| Command | Madera PD2 ² | 453.1500 | 458.1500 | 293/293 (NAC) |
| Law Tac | CALAW 1 | 154.9200 | 154.9200 | CSQ/CSQ |
| Law Tac | CALAW 4 ³ | 460.2500 | 460.2500 | CSQ/CSQ |
| Fire Tac | Madera FD VLY CMD ⁴ | 158.4300 | 153.1850 | 156.7/156.7 |
| Fire Tac | CAL FIRE CMD 4 ⁵ | 151.4000 | 159.3750 | 136.5/136.5 |
| Ems Tac | UTAC1 Madera EMS TAC | 453.4625 | 453.4625 | CSQ/156.7 |
| Staging | Madera Staging ⁶ | 151.0400 | 156.0600 | CSQ/CSQ |
| ¹ UHF Command connected to Madera SO3 via ACU ² UHF P25 connected to Madera SO3 via ACU ³ Connected to CALAW1 ⁴ Valley incident use ⁵ For East County use ⁶ Mad Co roads channel | | | | |

Central California EMS Agency

(Fresno, Kings, Madera, Tulare)

PO Box 11867, Fresno, CA 93775

Telephone: (559) 600-3387 / Fax: (559) 600-7691

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordinator(real time) | | | | |
| Med 1 | 468.00 | 463.00 | 114.8 | N/A |
| Med 2 | 468.025 | 463.025 | 114.8 | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Med 3 | 468.050 | 463.050 | 114.8 | N/A |
| Med 4 | 468.075 | 463.075 | 179.9 | N/A |
| Med 5 | 468.100 | 463.100 | 179.9 | N/A |
| Med 6 | 468.125 | 463.125 | 179.9 | N/A |
| Med 7 q | 468.150 | 463.150 | 179.9 | N/A |
| Med 8 | 468.175 | 463.175 | 114.8 | N/A |
| Med 9 | 467.950 | 462.950 | 141.3 | N/A |
| Med 10 | 467.975 | 462.975 | 114.8 | N/A |
| Med 11 | 458.300 | 453.300 | 156.7 | N/A |
| Med 12 | 458.325 | 453.325 | 156.7 | N/A |
| Med 13 | 458.1875 | 458.1875 | 156.7 | N/A |
| Med 14 | 456.425 | 451.425 | 114.8 | N/A |
| Med 15 | 466.575 | 461.575 | 114.8 | N/A |
| Med 16 | 468.625 | 463.625 | 156.7 | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Hanford City Fire | 465.575 | 460.575 | 146.2 | N/A |
| Kings County Fire | 465.625 | 460.600 | 146.2 | N/A |
| Fresno City Fire | | 153.845 | 173.8 | N/A |
| Clovis City Fire | | 154.235 | 103.5 | N/A |
| Fresno County Fire | | 153.890 | None | N/A |
| NCFPD | | 154.190 | 100.0 | N/A |
| Fire White Net 1 | | 154.280 | None | N/A |
| HEAR | | 155.340 | None | N/A |
| Madera County Fire | | 151.460 | None | N/A |
| Tulare City Fire | 155.055 | 154.335 | 162.2 | N/A |
| Visalia City Fire | 155.055 | 154.325 | 131.8 | N/A |
| Portville City Fire | 155.085 | 156.000 | 123.0 | N/A |
| Tulare County Fire | 155.895 | 154.010 | 131.8 | N/A |
| Dinuba City Fire | 156.075 | 154.085 | 146.2 | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | | | | |
| CALCORD | 156.075 | 156.075 | 156.7 | N/A |

Marin County Operational Area

24-Hour Monitoring Facilities

Marin County Sheriff's Public Safety Communications Center

This is the primary Law Dispatch, Urban Fire & EMS Dispatch.

This center is known by the following call sign: **"Marin Comm"**

Telephone: (415) 499-2311

Marin County Fire Department Emergency Communications Center

This is the County Fire Department Dispatch, which is the Rural Fire and EMS Dispatch. It is also the Marin OES Fire Mutual Aid Coordinator.

This center is known by the following call sign: **"Woodacre"**

Telephone: (415) 499-6717

Regularly Monitored Channels

| VHF High – Marin County Sheriff's Communications Center | | | | |
|---|-----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |
| Calling | VCALL 10 ¹ | 155.7525 | 155.7525 | 156.7 |

¹ Monitored by both Dispatch Facilities.

| VHF High – Marin County Fire Department – ECC | | | | |
|---|-----------------------|-------------|------------|--------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 N | 154.2800 N | 156.7 |
| Fire | OES Fire Net 1B | 154.1600 N | 159.195 N | 103.5 Tx |
| Fire | Marin Local | 151.040 N | 159.180 N | *Tones 1 - 4 |
| Calling | VCALL 10 ¹ | 155.7525 N | 155.7525 N | 156.7 |

¹ Monitored by both Dispatch Facilities.

*Tones 1-4: Sonoma Mountain 110.9 Tx, Big Rock 123.0 Tx,
Mt. Barnabe 131.8 Tx, Mt. Tamalpais 136.5 Tx

Marin County Operational Area (Cont'd)

UHF – Marin County Sheriff's Communications Center

| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
|---|----------------------|-------------|------------|-------|
| Calling | UCALL40 ¹ | 453.2125 | 458.2125 | 156.7 |
| Law | CALAW4 | 460.0250 | 465.0250 | 156.7 |
| ¹ Monitored by both Dispatch Facilities. | | | | |

UHF – Marin County Fire Department - ECC

| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
|---|----------------------|-------------|------------|-------|
| Calling | UCALL40 ¹ | 453.2125 | 458.2125 | 156.7 |
| ¹ Monitored by both Dispatch Facilities. | | | | |

700 MHz

| Type | Name | Rx (Output) | Tx (Input) | NAC |
|--|----------------------|-------------|------------|-----|
| Calling | 7CALL50 ¹ | 769.24375 | 799.24375 | 293 |
| ¹ Monitored by the Marin County Fire Department-ECC and Marin County Sheriff's Communications Center. | | | | |

800 MHz

| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
|--|----------------------|-------------|------------|-------|
| Calling | 8CALL90 ¹ | 851.0125 | 806.0125 | 156.7 |
| ¹ Monitored by the Marin County Fire Department-ECC and Marin County Sheriff's Communications Center. | | | | |

All repeaters are in a standby state. Dispatch Centers monitor the receive side. The repeaters can be activated for mobile to mobile Comms.

Shared Channel Infrastructure

No data currently available

Marin County EMS Agency

1600 Los Gamos Dr., Suite 220, San Rafael, CA 94903

Telephone: (415) 473-6833 / Fax: (415) 473-3747

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | 154.280 | N/A | N/A | N/A |
| Calling Channel – Aircraft to Fire | 156.075 | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

(All MERA Motorola Type II Smart Zone – 480 Trunked System)

Mariposa County Operational Area

24-Hour Monitoring Facilities

Mariposa County operates two 24-hour emergency interoperability dispatch channels.

The **Sheriff's Dispatch Center** is located in the town of Mariposa, which operates county-wide on all sheriff channels.

This center is known by the following call sign: "**Mariposa Control 1.**"

Telephone: (209) 966-3614 or (209) 966-3615

The **Fire Dispatch Center**, also located in the town of Mariposa is a State-owned and operated center (Cal Fire). This center dispatches all Cal Fire resources in the county as well as all Mariposa County Fire Department and Mariposa Public Utility District equipment under contract.

This center is known by the following call sign: "**Mariposa**"

Telephone: (209) 966-3621

Emergency Services Coordinator:

Sergeant Wes Smith, Telephone: (209) 966-3615

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |

Shared Channel Infrastructure

The Mariposa OA recognizes that fire and law enforcement are able to communicate with each other using others radio frequencies as agencies operate on VHF. Local CHP are provided VHF radios from the Mariposa Sheriff's Department in order to communicate directly with the agency.

Mariposa Sheriff operates under a MOU with the Madera County Sheriff for use of Madera's gateway.

Mountain Valley EMS Agency

(Alpine, Amador, Calaveras, Mariposa, Stanislaus)

1101 Standiford Ave #D1, Modesto, CA 95350

Telephone: (209) 529-5085 / Fax: (209) 529-1496

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Alpine | | | | |
| Med 1 | 468.000 | 463.000 | 100.0 | Prim |
| Med 2 | 468.025 | 463.025 | 179.9 | Prim |
| Amador | | | | |
| Med 13 | 458.425 | 453.425 | 100.0 | Prim |
| Med 3 | 468.250 | 463.050 | 167.9 | Alt |
| Med 8 | 468.175 | 463.175 | 100.0 | Alt |
| Med 9 | 468.950 | 463.950 | 100.0 | Alt |
| Calaveras | | | | |
| Med 3 | 468.050 | 463.050 | 107.2 | Alt |
| Med 9 | 467.950 | 462.950 | 167.9 | Prim |
| Mariposa | | | | |
| Med 8 | 468.175 | 463.175 | 123.0 | Prim |
| Med 14 | 456.425 | 451.425 | 149.9 | Alt |
| Stanislaus | | | | |
| Med 1 | 468.000 | 463.000 | 179.9 | |
| Med 5 | 468.100 | 463.100 | 179.9 | |
| All Hospitals VHF Med - HEAR | | 155.385 | 88.5 | |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Alpine Medical | | | | |
| Markleeville | 154.100 | 153.800 | 107.2 | Prim |
| Bear Valley | 154.100 | 153.800 | 131.8 | Prim |
| Alpine Fire | | | | |
| Kirkwood-Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Bear Valley-San Andreas | 159.450 | 151.175 | 156.7 | Prim |
| Amador Medical | | | | |
| Med 10 | 467.975 | 462.975 | 100.0 | Prim |
| Med 13 | 458.425 | 453.425 | 100.0 | Alt |
| VHF | 159.225 | 151.190 | 123.0 | Alt |
| Amador Fire | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|------------------------------------|----------|---------|--------|----------|
| Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Calaveras Medical | | | | |
| Med 9 | 467.950 | 462.950 | 167.9/ | Prim |
| Calaveras Fire | 151.175 | 151.175 | 103.5 | |
| San Andreas (CDF) | 159.450 | 151.175 | 110.9 | Prim |
| Mariposa Medical | | | | |
| Mariposa CDF | 151.460 | 159.390 | 146.2 | Prim |
| Mariposa CDF-Med 14 | 451.425 | 451.425 | 179.9 | Alt |
| Stanislaus Medical | | | | |
| AMR | 151.5725 | 160.055 | 1110.9 | Prim |
| | 155.295 | 155.295 | 88.5 | Alt |
| Stanislaus Fire | | | | |
| Modesto City | 154.145 | 155.940 | 123.0 | |
| Stanislaus County Fire | 153.770 | 153.770 | 123.0 | Duplex |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Mendocino County Operational Area

24-Hour Facilities

Mendocino County Sheriff's Office Dispatch

This center is known by the following call sign: **"Ukiah"** or **"MCSO"**

24/7 Telephone: (707) 463-4086

Ukiah CHP Dispatch

This center is known by the following call sign: **"Ukiah CHP"**

24/7 Telephone: (707) 467-4000

Ukiah Public Safety Department

This center is known by the following call sign: **"Station 36"**, **"Ukiah PD"**, and **"Ukiah Fire"**

24/7 Telephone: (707) 463-6262 or (707) 463-6250

Willits Police Department

This center is known by the following call sign: **"Willits"**

24/7 Telephone: (707) 459-4611

CAL FIRE-Mendocino ECC

This center is known by the following call sign: **"Howard Forest"**

24/7 Telephone: (707) 459-7403

Regularly Monitored Channels

| VHF High | | | | |
|--|----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 ¹ | 154.9200 | 154.9200 | 156.7 |
| ¹ Monitored by Ukiah Sheriff's Dispatch, Ukiah CHP Dispatch, Willits Police Department, and Ukiah Police Department | | | | |

| VHF High | | | | |
|--|------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | V FIRE 21 ¹ | 154.2800 | 154.2800 | 156.7 |
| ¹ Monitored by Willits Police Department, and Ukiah Police Department, and CAL FIRE-Mendocino ECC | | | | |

Mendocino County Operational Area (Cont'd)

CAL FIRE-Mendocino ECC

| VHF High | | | | |
|----------|-----------------|-------------|------------|------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Cal OES Fire 1B | 154.1600 | 159.1950 | None/123.0 |
| Fire | Air Guard | 168.6250 | 168.6250 | 110.9 |

Shared Channel Infrastructure

| VHF High | | | | |
|----------|---|----------------------|------------|----------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Mendocino County Sheriff's Office BLUE | 154.7550 | 155.6550 | 210.7 |
| Law | Mendocino County Sheriff's Office RED | 155.9850 | 159.1500 | 192.8 |
| Law | Mendocino County Sheriff's Office WHITE | 159.0750 158.7300 | 158.9550 | RX 156.7/TX 206.5 |
| Fire | Cal Fire MEU Local | 151.3850 | 159.2700 | 110.9/MPL |

| VHF High | | | | |
|----------|-----------------------------|-------------|------------|-----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Mendocino County Fire RED | 153.9500 | 154.3850 | 123.0/MPL |
| Fire | Mendocino County Fire BLUE | 151.0850 | 156.1950 | 136.5/MPL |
| Fire | Mendocino County Fire GREEN | 151.1150 | 155.4300 | 123.0/MPL |

Mendocino County Operational Area (Cont'd)**EMS MED NET System / Hospitals to MEDICS**

| UHF | | | | |
|------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| EMS | MED 1 | 463.0000 | 468.0000 | 206.5 |
| EMS | MED 2 | 463.0250 | 468.0250 | 206.5 |
| EMS | MED 3 | 463.0500 | 468.0500 | 127.3 |
| EMS | MED 4 | 463.0750 | 468.0750 | 206.5 |
| EMS | MED 5 | 463.1000 | 468.1000 | 123.0 |
| EMS | MED 6 | 463.1250 | 468.1250 | 206.5 |
| EMS | MED 7 | 463.1500 | 468.1500 | 206.5 |
| EMS | MED 8 | 463.1750 | 468.1750 | 206.5 |
| EMS | MED 9 | 462.9500 | 467.9500 | 206.5 |
| EMS | MED 10 | 462.9750 | 467.9750 | 206.5 |

Coastal Valleys EMS Agency

(Sonoma/Mendocino/Napa)

195 Concourse Blvd., Santa Rosa, CA 95403

Telephone: (707) 565-6501 / Fax: (707) 565-6510

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|--------|----------|
| Local Medical Coordination (real time) | | | | |
| MedNet (Napa) | 155.835 | 155.100 | 131.8* | 155.100 |
| Med 1 | 155.100 | 155.100 | N/A | N/A |
| Med 2 | 155.265 | 155.265 | N/A | N/A |
| Med 3 | 468.000 | 463.000 | N/A | N/A |
| Med 4 | 468.025 | 463.025 | N/A | N/A |
| Med 5 | 468.050 | 463.050 | N/A | N/A |
| Med 6 | 468.075 | 463.075 | N/A | N/A |
| Med 7 | 468.100 | 463.100 | N/A | N/A |
| Med 8 | 468.125 | 463.125 | N/A | N/A |
| | 468.150 | 463.150 | N/A | N/A |
| | 468.175 | 463.175 | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | 155.835 | 155.100 | N/A | N/A |
| | 155.265 | 155.265 | N/A | N/A |

Merced County Operational Area

24-Hour Monitoring Facilities

Merced County provides 24-hour monitoring of interoperability channels through its **Countywide Coordinated Communications Center**, staffed by the Merced County Sheriff's Department. This center is the point of contact for all city and county law enforcement, fire, lifeguard, and public works departments throughout the Merced County OA.

This center is known by the following call signs: **"Merced County"** or **"Control One"**

Telephone: (209) 385-7444

CAL FIRE-Madera-Mariposa-Merced ECC

This center is known by the following call sign: **"Mariposa"**

24/7 Telephone: (209) 966-3621

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |

| 800 MHz | | | | |
|----------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | I-CALL | 866.0125 | 821.0125 | 156.7 |
| Law | CALAW 9 | 868.5125 | 823.5125 | 156.7 |
| Fire/EMS | FIREMARS | 868.9875 | 823.9875 | 156.7 |

Shared Channel Infrastructure

The Merced County Sheriff's Department maintains a console based gateway at its Countywide Coordinated Communications Center. This gateway can patch any of the channels listed above to any County of Merced 800 MHz Countywide Coordinated Communications System talkgroup or channel.

Merced County EMS Agency

260 E. 15th Street, Merced, CA. 95341

Telephone: (209) 381-1250 / Fax: (209) 381-1259

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|----------|---------|-------|----------|
| Local Medical Coordination (Med 8) | 468.175 | 463.175 | N/A | N/A |
| Statewide Medical Coordination (Med 9) | 467.950 | 462.950 | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Ambulance Dispatch (Med 9) | 467.950 | 462.950 | N/A | N/A |
| Direct to Hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. Tactical Frequencies, etc.) | | | | |
| V-Fire 22 (for disasters) | 154.285 | 154.285 | 156.7 | N/A |
| CALCORD | 156.750 | 156.7 | 156.7 | N/A |
| XMD East (Quad Band Repeater-Multi-Agency Coord) | 159.1575 | 154.89 | 192.8 | N/A |
| XMD West (Quad Band Repeater-Multi-Agency Coord) | 154.115 | 155.64 | 192.8 | N/A |

Modoc County Operational Area

24-Hour Facilities

One Dispatcher on at all times, Main PSAP for Modoc County

This center is known by the following call sign: “**Modoc County**”

Telephone: (530) 233-4416

Emergency Services Coordinator:

Renae Sweet, Telephone: (530) 233-4416

Regularly Monitored Channels

| VHF High | | | | | |
|----------|----------|-------------|----------|------------|----------|
| Type | Name | Rx (Output) | RX CTCSS | Tx (Input) | TX CTCSS |
| | Barnes | 153.9200 | 146.2 | 158.835 | 146.2 |
| | Grouse | 154.1825 | 167.9 | 158.835 | 167.9 |
| | Payne | 153.8600 | 127.3 | 158.835 | 127.3 |
| | Surprise | 156.1200 | 94.8 | 158.835 | 110.9 |
| | 49 Mnt | 154.1375 | 151.4 | 158.835 | 151.4 |
| | Likely | 154.1975 | 107.2 | 158.835 | 107.2 |
| | Grizzly | 155.6175 | 136.5 | 158.835 | 136.5 |
| | Timber | 154.085 | 131.8 | 158.835 | 131.8 |
| | Newell | 154.9725 | 141.3 | 158.835 | 141.3 |
| | Adin | 154.3775 | 123.0 | 158.835 | 123.0 |
| | Widow | 155.9975 | 156.7 | 158.835 | 156.7 |
| | CAR-CAR | 155.6400 | 162.2 | 155.6400 | 162.2 |
| | APD | 154.740 | | 158.910 | |

Shared Channel Infrastructure

A repeater base with handheld coverage in most cities and townships. All Fire Medical and Law share this channel; it is used to move an isolated incident.

Northern California EMS Agency

(Lassen, Modoc, Plumas, Sierra, Trinity)

930 Executive Way, Suite 150, Redding, CA 96002

Telephone: (530) 229-3979 / Fax: (530) 229-3984

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Bass Mountain Shasta | 468.075 | 463.075 | 4,14 | |
| Beckwourth Peak Plumas | 468.175 | 463.175 | 8,5 | N/A |
| Bloomer Hill Butte | 468.050 | 463.050 | 3,13 | N/A |
| Bloomer Hill Butte | 468.175 | 463.175 | 8,13 | N/A |
| Bloomer Hill Butte | 468.000 | 463.000 | 1,13 | N/A |
| Bunchgrass Shasta | 468.175 | 463.175 | 8,6 | N/A |
| Butte Hall, CSU Butte | 468.075 | 463.075 | 4,13 | N/A |
| Cedarville Modoc | 468.125 | 463.125 | 7,6 | N/A |
| Dyer Mountain Lassen | 468.150 | 463.150 | 7,5 | N/A |
| Flea Mountain Plumas | 468.050 | 463.050 | 3,15 | N/A |
| Grouse Mountain Modoc | 468.050 | 463.050 | 3,6 | N/A |
| Hamilton Mountain Lassen | 468.025 | 463.025 | 2,6 | N/A |
| Hough Mountain Plumas | 468.125 | 463.125 | 6,5 | N/A |
| Likely Mountain Lassen | 468.125 | 463.125 | 6,6 | N/A |
| Oregon Mountain Trinity | 468.125 | 463.125 | 6,14 | N/A |
| Red Hill Plumas | 468.125 | 463.125 | 6,15 | N/A |
| Shaffer Mountain Lassen | 468.075 | 463.075 | 4,6 | N/A |
| Shasta Bally Shasta | 468.050 | 463.050 | 3,14 | N/A |
| South Fork Mountain Shasta | 468.025 | 463.025 | 2,14 | N/A |
| South Fork Mountain (SHASCOM Disp) Shasta | 467.975 | 462.975 | 10,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Widow Mountain Modoc | 468.100 | 463.100 | 5,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 |
| Dispatch (for each EMS Agency) | 154.010 | | N/A | |
| Northern California EMS Agency | 158.835 | 154.445 | N/A | P |
| Lassen County Providers – SIFC – PSAP | 153.770 | 153.290 | N/A | P |
| Modoc County Providers Modoc County SO-PSAP | 155.085 | 154.190 | N/A | P |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Plumas County Providers | | | | |
| Plumas County SO – PSAP (South County) | 156.165 | 155.085 | N/A | P |
| SIFC – PSAP (North County) | 158.760 | 156.165 | N/A | P |
| Sierra County Providers Sierra County SO – PSAP | | 154.785 | | P |
| Trinity County Providers – Trinity County SO – PSAP | | | | |
| Direct to hospitals – Northern California EMS Agency | | | | |
| Banner Lassen Medical Center | 468.075 | 463.075 | PL4 | P |
| Eastern Plumas Health Care | 468.175 | 463.175 | PL8 | P |
| Modoc Medical Center | 468.050 | 463.050 | PL3 | P |
| Plumas District Hospital | 468.125 | 463.125 | PL6 | P |
| Seneca District Hospital | 468.150 | 463.150 | PL7 | P |
| Surprise Valley Hospital | 468.150 | 463.150 | PL7 | Sec |
| Trinity Hospital | 468.125 | 463.125 | PL6 | P |
| Other (e.g. tactical, etc. (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Mono County Operational Area

24-Hour Monitoring Facilities

The County of Mono provides 24-hour monitoring of interoperability channels through the **Mono County Sheriff's Dispatch Center**, staffed by the Mono County Sheriff's Department. This center is the point of contact for all city and county law enforcement, fire, EMS, and public works departments throughout the Mono County OA. The Dispatch Center is located at 100 Emigrant Street, Bridgeport, CA 93517.

This center is known by the following call sign: **"Mono 1"**
Telephone: (760) 932-7549

Regularly Monitored Channels

| VHF High | | | | |
|----------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |

Shared Channel Infrastructure

No data currently available

Inland Counties EM Agency

1425 South "D" Street, San Bernardino, CA 92415-0060
Telephone: (909) 388-5823 / Fax: (909) 388-5825

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|--------------------|--------------------|-------|----------|
| Local Medical Coordination (real time) San Bernardino | 800 MHz (6ALS1) | 800 MHz (6ALS1) | N/A | N/A |
| Inyo | 155.865 | 155.895 | 131.8 | Primary |
| Mono | 154.025 | 154.025 | 131.8 | Primary |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | 800 MHz (6ALS1) | 800MHz (6ALS1) | N/A | N/A |
| Dispatch (for each EMS Agency) Mono | 155.760 | 153.860 | 136.5 | N/A |
| Direct to Hospitals | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Mono | 155.895 | 154.025 | 136.5 | N/A |
| Other (e.g. tactical, etc.) HEAR NGT | N/A | N/A | N/A | N/A |

Monterey County Operational Area

24-Hour Facilities

Emergency Services Director

Telephone: (831) 755-5010

Emergency Services Manager

Telephone: (831) 795-1900

CAL FIRE-San Benito-Monterey ECC

This center is known by the following call sign: **"Monterey"**

24/7 Telephone: (831) 647-6222

Regularly Monitored Channels

No data currently available

Shared Channel Infrastructure

No data currently available

Monterey County EMS Agency

1270 Natividad Road, Salinas, CA 93906

Telephone: (831) 755-5013 / Fax: (831) 455-0680

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|----------|---------|--------------------------|
| Local Medical Coordination (real time) | | | | |
| Med 2 | 468.025 | 463.025 | 173.8 | N/A |
| Med 5 | 468.100 | 463.100 | 173.8 | N/A |
| Med 6 | 468.125 | 463.125 | 173.8 | N/A |
| Med 7 | 468.150 | 463.150 | 173.8 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| AMR – Med 1 | 468.000 | 463.000 | 173.8 | N/A N/A N/A N/A |
| AMR – Med 9 | 467.950 | 462.950 | 173.81 | |
| AMR – Med 10 | 467.975 | 462.975 | 73.8 | |
| CRFA (CMD5) | 154.430 | 153.890 | 110.9 / | |
| MRFD (county Fire) | 152.240 | 152.240 | 192.8 | |
| Direct to hospitals Disaster only | 810.9875 | 855.9875 | 173.8 | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Napa County Operational Area

24-Hour Monitoring Facilities

Napa County has two 24-hour communications centers. **Napa Dispatch** answers all 9-1-1 calls for the County unincorporated area, City of Napa, City of American Canyon, and Town of Yountville. Napa Dispatch is responsible for all public safety communications within the Cities of Napa and American Canyon borders, along with Sheriff and Medical dispatching countywide. Napa Dispatch is manned by City of Napa employees. This center is known by the following call sign: **“NAPA”**
24-hour Telephone: (707) 253-4451

St. Helena Emergency Communication Center (ECC) provides all fire dispatching within the County unincorporated area, cities of St. Helena, Calistoga, and Town of Yountville. St. Helena ECC is a joint Napa County/CalFire dispatch center manned by CalFire employees.

This center is known by the following generic call sign: **“SAINT HELENA”**.
24-hour Telephone: (707) 963-9636

Regularly Monitored Channels

Napa Dispatch

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |

St. Helena ECC

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |

Shared Channel Infrastructure

Napa County uses local frequencies that are shared with all law enforcement and fire agencies within the county borders.

Napa County Operational Area (Cont'd)**Napa Dispatch**

| Napa Dispatch | | | | |
|------------------|---------|-------------|------------|----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Primary | 155.4300 | 158.9700 | 131.8 Tx |
| Law Secondary | Red | 151.0700 | 159.0450 | 192.8 Tx |

St. Helena ECC

| St. Helena ECC | | | | |
|----------------|-------------|-------------|------------|----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Cal Fire | LNU EAST | 151.3400 | 159.3150 | 136.5 Tx |
| Cal Fire | LNU WEST | 151.4600 | 159.3900 | 151.4 Tx |
| County Fire | County Fire | 154.4150 | 154.8600 | 110.9 Tx |

Napa County EMS Agency

2761 Napa Valley Corporate Drive, Building B, Napa, CA 94558

Telephone: (707) 253-4341 / Fax: (707) 299-4126

Email: ems@countyofnapa.org

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Napa 11 (Atlas) | 155.835 | 155.100 | 131.8 | N/A |
| Napa 11 St. Helena) | 155.835 | 155.100 | 131.8 | N/A |
| Statewide Medical Coordination | | | | |
| VMED 28 | 155.3400 | 155.3400 | 156.7 | N/A |
| VMED 29 | 155.3475 | 155.3475 | 156.7 | N/A |
| CALCORD | 156.0750 | 156.0750 | 156.7 | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Napa 11 (Amb Disp. – Atlas) | 155.835 | 155.100 | 131.8 | N/A |
| Napa 11 (Amb Disp. – St. Helena) | 155.835 | 155.100 | 131.8 | N/A |
| Napa 4 (Napa) | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------------------|---------------------|--------------|------------|
| Napa 4 (American Canyon) | | | | |
| Direct to hospitals Napa (Cellular) | 155.355 155.355 | 155.355 155.355 | N/A 131.8 | N/A N/A |
| Other (e.g. tactical, etc.) Napa | 155.340 154.3250 | 155.340 154.3250 | N/A 1 | N/A N/A |

*131.8 T&R Atlas Pic / ** 127.3 T and 131.8 R – MT ST Helena

Coastal Valleys EMS Agency

(Napa/Mendocino/Sonoma)

195 Concourse Blvd., Santa Rosa, CA 95403

Telephone: (707) 565-6501 / Fax: (707) 565-6510

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|--------------------|--------------------|------------|------------|
| Local Medical Coordination (real time) | | | | |
| MedNet (Napa) | 155.835 | 155.100 | 131.8* | 155.100 |
| Med 1 | 155.100 | 155.100 | N/A | N/A |
| Med 2 | 155.265 | 155.265 | N/A | N/A |
| Med 3 | 468.000 | 463.000 | N/A | N/A |
| Med 4 | 468.025 | 463.025 | N/A | N/A |
| Med 5 | 468.050 | 463.050 | N/A | N/A |
| Med 6 | 468.075 | 463.075 | N/A | N/A |
| Med 7 | 468.100 | 463.100 | N/A | N/A |
| Med 8 | 468.125 | 463.125 | N/A | N/A |
| | 468.150 | 463.150 | N/A | N/A |
| | 468.175 | 463.175 | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | 155.835 155.265 | 155.100 155.265 | N/A N/A | N/A N/A |

Nevada County Operational Area

24-Hour Monitoring Facilities

Grass Valley Interagency Command Center

This center is known by the following call sign: “**Grass Valley**”

24/7 Telephone: (530) 477-0951

Regularly Monitored Channels

| VHF High | | | | |
|--------------|-------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |
| Law | CALAW 2 | 154.9350 | 154.9350 | None |
| Law | CALAW 3 / VLAW 31 | 155.4750 | 155.4750 | None |
| Coordination | CALCORD | 156.0750 | 156.0750 | None |
| Fire | VFIRE FIRE 1 | 154.2800 | 154.2800 | None |
| Fire | VFIRE2 | 154.2650 | 154.2650 | None |
| Fire | VFIRE3 | 154.2950 | 154.2950 | None |

Shared Channel Infrastructure

No data currently available

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | | |
| Antelope Mountain | Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain | Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak | Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley | Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain | Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte | Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak | Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | | 0 | 0 | 0 | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency Sierra County Providers Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency) VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Orange County Operational Area

24-Hour Monitoring Facilities

Orange County provides 24-hour monitoring of interoperability channels through its **Countywide Coordinated Communications Center**, staffed by the Orange County Sheriff's Department. This Center is the point of contact for all city and county law enforcement, fire, lifeguard, and public works departments throughout the Orange County OA.

This center is known by the following call signs: **"Orange County"**, **"Control One"**, **"OCC"** or **"Orange County Communications"**
Telephone: (714) 628-7000

Regularly Monitored Channels

| VHF Low | | | | |
|---------|-------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | LLAW1 | 39.4600 | 45.8600 | 156.7 |

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |
| Law | VLAW31 | 155.4750 | 150.7900 | 156.7 |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |

| UHF | | | | |
|------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW4 | 460.0250 | 465.0250 | 156.7 |

| 700 MHz | | | | |
|---------|---------|-------------|------------|--------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Call | 7CALL50 | 769.24375 | 799.24375 | \$F7E/ \$293 |

Orange County Operational Area (Cont'd)

| 800 MHz | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 8CALL90 | 851.0125 | 806.0125 | 156.7 |
| Law | CALAW8 | 853.5125 | 808.5125 | 156.7 |
| Fire/EMS | CAFIRE1 | 853.9875 | 808.9875 | 156.7 |

Shared Channel Infrastructure

The Orange County Sheriff's Department maintains a console-based gateway at its Countywide Coordinated Communications Center. This gateway can patch any of the channels listed above to any County of Orange 800 MHz Countywide Coordinated Communications System talkgroup or channel.

Orange County EMS Agency

405 West Fifth Street, Suite 301A, Santa Ana, CA 92701

Telephone: (714) 834-3500 / Fax: (714) 834-3125

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|--------------------------------|--------------------------------|-------------------------|-------------------|
| Local Medical Coordination (real time) 800 MHz, 6B through 6K | Trunked | Trunked | N/A | Prim |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel 800 MHz, 6A | Trunked | Trunked | N/A | Prim |
| Calling Channel-UHF Med10 | 467.950 | 462.950 | 103.5 | Alt |
| For Outside agency interoperability 800 MHz – ICALL UHF – OC Access VHF – OC access Landline- OC Control ONE 714-628-7008 | 866.0125 465.525 159.000 | 821.0125 460.525 151.085 | 156.7 103.5 136.5 | Alt Alt Alt |
| Dispatch (for each EMS Agency) 800 MHz Radio System | Trunked | Trunked | N/A | Prim |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Direct to hospitals 800 MHz, 4G and 5K | Trunked | Trunked | N/A | Prim |
| Other (e.g. tactical, etc.) 800 MHz Radio System | Trunked | Trunked | N/A | Prim |

Placer County Operational Area

24-Hour Monitoring Facilities

Placer County provides 24-hour monitoring of interoperability channels through its **9-1-1 Dispatch Center**, staffed by the Placer County Sheriff's Office. This center is the point of contact for all law enforcement and fire in the unincorporated portions of the county.

This center is known by the following call signs: **Placer County**
"Placer" or **"Placer County Communications"**

Telephone: (530) 886-5375

Emergency Services Coordinator:

Placer County Office of Emergency Services:

David Atkinson, Telephone: (530) 886-5300

Regularly Monitored Channels on P25 Trunking System

| VHF High | | | | |
|--|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CLERS | 155.0700 | 159.0300 | 110.9 |
| Law | CALAW1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |
| <i>Note: CALAW1 and VFIRE21 are only monitored by Sheriff Dispatch on an as needed basis, i.e. with prior phone or radio coordination.</i> | | | | |

Shared Channel Infrastructure

The Placer County Sheriff's Office maintains a console-based patching system at its Communications Center. This patching system has the ability to patch any of the channels listed above to any regularly used law enforcement or fire channels in Placer County.

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | 468.050 | 463.050 | 3,3 | N/A |
| | 468.000 | 463.000 | 1,3 | N/A |

| Channel Use | | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|-------------|----------|----------|-------|----------|
| Antelope Mountain | Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Grey Butte Mountain | Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| Mahogany Peak | Siskiyou | 468.025 | 463.025 | 2,13 | N/A |
| Mt. Bradley | Siskiyou | 468.100 | 463.100 | 5,14 | N/A |
| St. John Mountain | Glenn | 468.000 | 463.000 | 1,6 | N/A |
| Tuscan Butte | Tehama | | | | |
| West Prospect Peak | Shasta | | | | |
| Statewide Medical Coordination | | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency Sierra County Providers Sierra County SO - PSAP | | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency) VHF Med Channel Name | | | | | |
| | Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| | Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| | Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| | Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| | Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Plumas County Operational Area

24-Hour Monitoring Facilities

Plumas County provides 24-hour monitoring of interoperability channels through its **Countywide Coordinated Communications Center**, staffed by the Plumas County Sheriff's Department. This center is the point of contact for all city and county law enforcement, fire and after hour public works departments throughout the Plumas County OA.

This center is known by the following call signs: **“Control One”** or **“Fire Control”**

Telephone: (530) 283-6300

Emergency Services Coordinator:

Contact Plumas Co Sheriff Dispatch, Telephone: (530) 283-6300

Regularly Monitored Channels

| VHF High | | | | |
|-------------------|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 ² | 154.9200 | 154.9200 | None |
| Law | CALAW2 | 154.9350 | 154.9350 | None |
| Law | VLAW 31 | 155.4750 | 155.4750 | None |
| Coordination | CALCORD | 156.0750 | 156.0750 | None |
| Search and Rescue | NASAR | 155.1600 | 155.1600 | None |
| Fire | VFIRE 21 | 154.2800 | 154.2800 | None |
| Fire | VFIRE 22 | 154.2650 | 154.2650 | None |
| Fire | VFIRE 23 | 154.2950 | 154.2950 | None |
| Interop | VCALL10 | 155.4725 | 155.4725 | 156.7 |
| Interop | VTAC11 | 151.1375 | 151.1375 | 156.7 |
| Interop | VTAC12 | 154.4525 | 154.4525 | 156.7 |
| Interop | VTAC13 | 158.7375 | 158.7375 | 156.7 |
| Interop | VTAC14 | 159.4725 | 159.4725 | 156.7 |

¹ Monitoring by dispatch must be “enabled” by request.

² CALAW1 is monitored by PCSO dispatch 24/7

Plumas County Operational Area (Cont'd)**Shared Channel Infrastructure**

| VHF High | | | | |
|----------|--------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Plumas County Fire | 155.0850 | 158.9550 | 136.5 |

The Plumas County Sheriff's Department maintains a console-based gateway at its Countywide Coordinated Communications Center. This gateway can patch any of the channels listed above to any County of Plumas VHF high- or low-band Countywide Coordinated Communications System repeater or base station.

Northern California EMS Agency

(Lassen, Modoc, Plumas, Sierra, Trinity)

930 Executive Way, Suite 150, Redding, CA 96002

Telephone: (530) 229-3979 / Fax: (530) 229-3984

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Bass Mountain Shasta | 468.075 | 463.075 | 4,14 | |
| Beckwourth Peak Plumas | 468.175 | 463.175 | 8,5 | N/A |
| Bloomer Hill Butte | 468.050 | 463.050 | 3,13 | N/A |
| Bloomer Hill Butte | 468.175 | 463.175 | 8,13 | N/A |
| Bloomer Hill Butte | 468.000 | 463.000 | 1,13 | N/A |
| Bunchgrass Shasta | 468.175 | 463.175 | 8,6 | N/A |
| Butte Hall, CSU Butte | 468.075 | 463.075 | 4,13 | N/A |
| Cedarville Modoc | 468.125 | 463.125 | 7,6 | N/A |
| Dyer Mountain Lassen | 468.150 | 463.150 | 7,5 | N/A |
| Flea Mountain Plumas | 468.050 | 463.050 | 3,15 | N/A |
| Grouse Mountain Modoc | 468.050 | 463.050 | 3,6 | N/A |
| Hamilton Mountain Lassen | 468.025 | 463.025 | 2,6 | N/A |
| Hough Mountain Plumas | 468.125 | 463.125 | 6,5 | N/A |
| Likely Mountain Lassen | 468.125 | 463.125 | 6,6 | N/A |
| Oregon Mountain Trinity | 468.125 | 463.125 | 6,14 | N/A |
| Red Hill Plumas | 468.125 | 463.125 | 6,15 | N/A |
| Shaffer Mountain Lassen | 468.075 | 463.075 | 4,6 | N/A |
| Shasta Bally Shasta | 468.050 | 463.050 | 3,14 | N/A |
| South Fork Mountain Shasta | 468.025 | 463.025 | 2,14 | N/A |
| South Fork Mountain (SHASCOM Disp) Shasta | 467.975 | 462.975 | 10,14 | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Widow Mountain Modoc | 468.100 | 463.100 | 5,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 |
| Dispatch (for each EMS Agency) Northern California EMS Agency | | | | |
| Lassen County Providers – SIFC – PSAP | 154.010 | 154.445 | N/A | P |
| Modoc County Providers Modoc County SO-PSAP | 158.835 | 153.290 | N/A | P |
| Plumas County Providers | | | | |
| Plumas County SO – PSAP (South County) | 153.770 | 154.190 | N/A | P |
| SIFC – PSAP (North County) | 155.085 | 155.085 | N/A | P |
| Sierra County Providers Sierra County SO – PSAP | 156.165 | 156.165 | N/A | P |
| Trinity County Providers – Trinity County SO – PSAP | 158.760 | 154.785 | N/A | P |
| Direct to hospitals – Northern California EMS Agency | | | | |
| Banner Lassen Medical Center | 468.075 | 463.075 | PL4 | P |
| Eastern Plumas Health Care | 468.175 | 463.175 | PL8 | P |
| Modoc Medical Center | 468.050 | 463.050 | PL3 | P |
| Plumas District Hospital | 468.125 | 463.125 | PL6 | P |
| Seneca District Hospital | 468.150 | 463.150 | PL7 | P |
| Surprise Valley Hospital | 468.150 | 463.150 | PL7 | Sec |
| Trinity Hospital | 468.125 | 463.125 | PL6 | P |
| Other (e.g. tactical, etc. (varied by each local agency)) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Riverside County Operational Area - FIRE

24-Hour Monitoring Facilities

Riverside County Fire (RVC FIRE)/CALFIRE Perris Emergency Communications Center (ECC) provides 24-hour monitoring of interoperability channels through its **Emergency Communications Center**, staffed by the Riverside County Fire Department and/or CALFIRE personnel. This center is the point of contact for all State/County Fire Response Areas within the Riverside County OA.

The Perris ECC is also the point of contact for the following cities that contract with Riverside County Fire for fire protection services: Banning, Beaumont, Coachella, Desert Hot Springs, Eastvale, Indian Wells, Indio, Jurupa Valley, Lake Elsinore, La Quinta, Menifee, Moreno Valley, Norco, Palm Desert, Perris, Rancho Mirage, Rubidoux CSD, San Jacinto, Temecula, and Wildomar.

The Perris ECC also provides dispatching services and is the point of contact for the following: Calimesa, Canyon Lake, Idyllwild Fire Protection District, Morongo Fire Department, Soboba Fire Department, and Pechanga Fire Department.

This center is known by the following call signs: **"Perris"** (Primary), **"Riverside"** (Alternate ECC), **"Indio"** (Alternate ECC)

Perris Emergency Communications Center

Telephone: (800) 253-6900

Telephone: (951) 940-6948

Satellite Phone: (888) 251-8483

Riverside Alternate ECC

Telephone: (951) 955-4792

Indio Alternate ECC

Telephone: (760) 775-7827

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |

Riverside County Operational Area FIRE (Cont'd)

| 800 MHz | | | | |
|----------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire/EMS | CAFIRE 1 | 868.9875 | 808.9875 | 156.7 |

Shared Channel Infrastructure

| VHF Low | | | | |
|---|----------|-------------|------------|--------------------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Western County Disaster Net West River County | W.C.D.N. | 33.9200 | 33.5000 | 167.9 Rx 110.9, 123.0 Tx |

| VHF High | | | | |
|-------------------------------|------------------------|-------------|------------|----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Cal OES FIRE 1B | 154.1600 | 159.1950 | None |
| Fire | Cal OES FIRE 2B | 154.2200 | 159.1950 | None |
| Fire – MA West County | VFIRE-1 Aka VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Fire – MA Coachella Valley | VFIRE-1 Aka VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Coachella Valley Disaster Net | C.V.D.N. | 155.1450 | 155.1450 | None/ 167.9 |

| 800 MHz | | | | |
|----------------|-----------|-------------|------------|----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire/EMS | OES FIRE1 | 868.9875 | 823.9875 | None/ 156.7 |
| CMARS 800 CONV | CMARS | 867.5375 | 822.5375 | None/ 71.9 |

Riverside County Operational Area – Law Enforcement

24-Hour Monitoring Facilities

The County of Riverside, by way of the Riverside Sheriff's Department, provides 24-hour monitoring of interoperability channels through its **Communications Centers**.

Riverside Sheriff's Communications Center – Riverside

7195 Alessandro Blvd.

Riverside, CA 92506

Telephone: (951) 955-2526 (Office, M-F, 9 a.m. - 5:00 p.m.)

Telephone: (951) 776-1010 (24-hour Comm Supervisor)

Riverside Sheriff's Communications Center – Palm Desert

73520 Fred Waring Dr.

Palm Desert, CA 92260

Telephone: (760) 836-1769 (24-hour local office)

Telephone: (951) 776-1020 (24-hour Comm Supervisor)

Riverside Sheriff's Communications Center – Blythe

Colorado River Station

260 N. Spring St.

Blythe, CA 92225

Telephone: (760) 921-7900 (24-hour local office)

Telephone: (760) 921-5763 (Comm Supervisor)

Regularly Monitored Channels

| VHF High | | | | |
|----------|--------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | 156.7 |

Search and Rescue Repeaters

(The TX/RX listed is for the subscriber accessing the repeater)

| VHF High | | | | |
|----------|--------------------------|-------------|------------|-----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| | PINE COVE: "RC SAR PNCV" | 155.1600 | 158.7600 | 151.4 |
| | SNOW PK: "RC SAR SNOW" | 155.1600 | 158.7600 | 151.4/ 162.2 |

Riverside County Operational Area Law Enforcement (Cont'd)

| VHF High | | | | |
|----------|---|-------------|------------|-----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| | PALM SPRINGS TRAM | 155.1600 | 158.7600 | 151.4/ 118.8 |
| | SUPPLEMENTAL REPEATER MOBILE"RC SAR SRM" | 155.1600 | 158.7600 | 151.4/ 192.8 |
| | BOX SPRINGS/ ELSINORE PK: "VHF WEST" | 158.8500 | 154.8900 | 110.9 |
| | PINE COVE: "RC SAR PNCV" | 155.1600 | 158.7600 | 151.4 |
| | NORTH MTN: "VHF CENTRAL" | 158.8950 | 155.5800 | 110.9 |
| | WHITEWATER/ SANTA ROSA/ CACTUS CITY: "VHF DESERT" | 159.0900 | 158.7600 | 110.9 |
| | CHUCKWALLA/BLACK ROCK: "VHF BLYTHE" | 158.8500 | 154.8900 | 192.8 |

| UHF | | | | |
|------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 4 | 460.0250 | 465.0250 | 131.8 |

| 800 MHz | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 8CAL90 | 855.0125 | 806.0125 | 156.7 |
| Law | CALAW8 | 868.5125 | 808.5125 | 156.7 |
| Law | I-TAC 1 | 866.5125 | 821.5125 | 156.7 |
| Law | I-TAC 2 | 867.0125 | 822.0125 | 156.7 |
| Law | I-TAC 3 | 867.5125 | 822.5125 | 156.7 |
| Law | I-TAC 4 | 868.0125 | 823.0125 | 156.7 |
| Fire/EMS | | 868.9875 | 823.9875 | 156.7 |

Riverside County Operational Area Law Enforcement (Cont'd)

Note: The newly re-banded 8CALL90 channel is monitored 24/7 countywide by Riverside Sheriff's Dispatch. CALAW 8, is sometimes monitored, but not always.

8TAC91, 8TAC92, 8TAC93 & 8TAC94 repeaters are NOT monitored regularly. These repeaters are usually kept turned off until a user calls Sheriff's Dispatch and requests to use them, then dispatch turns them on for the requestors operation. These are open to any public safety agency to use

Shared Channel Infrastructure

The County of Riverside deploys a countywide 700 MHz P25 Phase II trunked radio system known as the PSEC system (Public Safety Enterprise Communications) and law enforcement talkgroups are encrypted. The system is regional with the following member agencies who utilize the system for their daily operations: Riverside County Sheriff – All stations and Bureaus (including the contract cities of: Calimesa, Canyon Lake, Coachella, Eastvale, Indian Wells, Jurupa Valley, Lake Elsinore, La Quinta, Menifee, Moreno Valley, Norco, Palm Desert, Perris, Rancho Mirage and Temecula), Banning Police Department, Corona Police Department, Murrieta Police Department, Riverside Police Department, University of California – Riverside (UCR) Police Department, Bureau of Land Management (BLM) – Palm Springs Field Office, Riverside County Code Enforcement, Riverside County Parks, Riverside County Emergency Management Department (EMD and REMSA), Riverside County Fire – Management and Communications Techs only.

PSEC member agency dispatchers can patch any PSEC talkgroup to any other PSEC talkgroup, additionally, PSEC talkgroups can be patched to the CALAW 1, CALAW 4, CALAW 8, and 8TAC91-94 channels.

Riverside County and CalFire have established a county-wide dispatch-to-dispatch microwave circuit, which interoperates with all allied agencies within the county (with the exception of the City of Blythe). Included are the communications centers for the County Fire Department, CHP Indio, and the Indio City, Cathedral City, Palm Springs, Desert Hot Springs, Banning, Beaumont, Hemet, Murrieta, Corona, and both the City and County of Riverside.

Riverside County EMS Agency

4210 Riverwalk Parkway Suite 300, Riverside, CA 92505

Telephone: (951) 358-5029 / Fax: (951) 358-5160

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------------------|---|-------|----------|
| Local Medical Coordination (Real time) | | | | |
| MEDNET 1 (Hospital Net) | 155.265 | 155.265 | 110.9 | Prim |
| MEDNET 2 (Northwest/ Central Zones) | 155.295 | 155.295 | 110.9 | Prim |
| MEDNET 3 (Southwest/Hemet Zones) | 151.355 | 151.355 | 110.9 | Prim |
| MEDNET 4 (Desert Zones) | 155.205 | 155.205 | 110.9 | Prim |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Direct to hospitals – (Basic) | 155.265 DTMF | 155.265 Prim Prim Prim Prim Prim Prim Prim Prim Prim Prim Prim Prim Prim | 110.9 | |
| MEDNET 1 | | | | |
| Corona Regional Medical Center | | | | |
| Kaiser – Riverside | | | | |
| Parkview Community Hospital | | | | |
| Riverside Community Hospital | | | | |
| Riverside County Regional | | | | |
| Moreno Valley Community Hospital | | | | |
| Inland Valley Medical Center | | | | |
| Rancho Springs Medical Center | | | | |
| Menifee Valley Medical Center | | | | |
| Hemet Valley Medical Center | | | | |
| San Gorgonio Memorial Hospital | | | | |
| Desert Regional Medical Center | | | | |
| Eisenhower Medical Center | | | | |
| John F. Kennedy Medical Center | | | | |
| Palo Verde Community Hospital | | | | |
| Medical Direction - (Paramedic) | 468.000 | 463.000 | 167.9 | Prim |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Med 1 – (Desert Reg, Inland Valley) | 468.025 | 463.025 | 167.9 | Prim |
| Med 2 – (RCRMC) | 468.050 | 463.050 | 167.9 | Prim |
| Med 3 – (Eisenhower) | 468.075 | 463.075 | 167.9 | Prim |
| Med 4 – (JFK, Hemet) | 468.100 | 463.100 | 167.9 | Prim |
| Med 5 | 468.125 | 463.125 | 167.9 | Prim |
| Med 6 – (Riverside Com. Hosp) | 468.150 | 463.150 | 167.9 | Prim |
| Med 7 | 468.175 | 463.175 | 167.9 | Prim |
| Med 8 – (All Base Hospitals) | | | | |
| Other (e.g. tactical, etc.) | | | | |
| CALCORD | 156.075 | 156.075 | N/A | N/A |
| HEAR (Local) | 155.340 | 155.340 | N/A | N/A |
| HEAR (Regional) | 155.280 | 155.280 | N/A | N/A |
| Fire White 1 | 154.280 | 154.280 | N/A | N/A |
| Fire White 2 | 154.265 | 154.265 | N/A | N/A |
| Fire White 3 | 151.295 | 151.295 | N/A | N/A |
| CDF Net 1 | 151.385 | N/A | N/A | N/A |
| CDF Net 2 | 151.175 | N/A | N/A | N/A |
| Western & Eastern Co. Sheriff's Interface | 159.450 | 158.850 | 110.9 | N/A |
| Coachella Valley Co. Sheriff's Interface | 158.760 | 159.090 | 110.9 | N/A |
| Eastern Co. Sheriff's Interface | 154.890 | 158.850 | 192.8 | N/A |

Sacramento County Operational Area

24-Hour Monitoring Facilities

The Sacramento Regional Radio Communications System (SRRCS) is the provider of radio communications to all local public safety agencies (law enforcement, fire and EMS) within Sacramento County, as well as the City of West Sacramento (Yolo County). The County of Sacramento, through the SRRCS, provides 24-hour monitoring of the CAL90 800 MHz channel at the **County Communications Center**. Emergency requests through this channel will cause the County Communications Center to notify the appropriate local public safety agency dispatch center to bring up the channel at its location to appropriately resolve the situation. If necessary, the County Communications Center has capability to bring up any of the eight interoperable channels listed in the 800 MHz table below. The repeaters for these channels are distributed throughout the Sacramento region at SRRCS radio sites.

This center is known by the following call signs: **“Sac County Dispatch”** or **“Sacramento Communications Center”**

24/7 Telephone: (916) 875-6900

Regularly Monitored Channels

| VHF High | | | | |
|----------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| | VTAC 11D | 151.1375 | 151.1375 | 156.7 |

| UHF | | | | |
|------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| | UTAC 41 | 458.4625 | 453.4625 | 156.7 |
| | UTAC 42 | 458.7125 | 453.7125 | 156.7 |

Sacramento County Operational Area (Cont'd)**Regularly Monitored Channels**

| 800 MHz | | | | |
|--|--------------------|-------------|------------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | CAL90 ¹ | 851.0125 | 806.0125 (4 KHz) | 156.7 |
| Public Safety | TAC 91 | 851.5125 | 806.5125 (4 KHz) | 156.7 |
| Public Safety | TAC 92 | 852.0127 | 807.0125 (4 KHz) | 156.7 |
| Public Safety | TAC 93 | 852.5125 | 807.5125 (4 KHz) | 156.7 |
| Public Safety | TAC 94 | 853.0125 | 808.0125 (4 KHz) | 156.7 |
| Law (Statewide) | CLAW 8 | 853.5125 | 808.5125 (4 KHz) | 156.7 |
| Law Northern CA | CLAW 9 | 851.2000 | 806.2000 (4 KHz) | 156.7 |
| Fire/EMS (Statewide) | CFIRE1 | 853.9875 | 808.9875 (4 KHz) | 156.7 |
| Fire/EMS (Northern CA) | CFIRE2 | 851.9125 | 806.9125 (4 KHz) | 156.7 |
| | 8TAC 91 | 806.5125 | 851.5125 | 156.7 |
| | 8TAC 92 | 807.0125 | 852.0125 | 156.7 |
| | 8TAC 93 | 807.5125 | 852.5125 | 156.7 |
| | 8TAC 94 | 808.0125 | 853.0125 | 156.7 |
| ¹ CAL90 is the only regularly monitored channel. However, the other channels may be brought up for use. | | | | |

Sacramento County Operational Area (Cont'd)**Shared Channel Infrastructure**

Caltrans' Sunrise region is part of the SRRCS. Field staff from the Sunrise region cover the Sacramento, Sutter, Yolo, Placer and El Dorado counties. Law enforcement, fire and EMS mobile and portable radios within the SRRCS are programmed with the appropriate 800 MHz mutual aid channels and can communicate on a channel when the repeater is active.

Sacramento County EMS Agency

9616 Micron Ave, Ste 960, Sacramento, CA 95827

Telephone: (916) 875-9753 / Fax: (916) 875-9711

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|-----------------------------|-------|----------|
| Local Medical Coordination (real time) | 800 MHz | Analog Trunked radio System | | |
| Statewide Medical Coordination | 868.9875 | 823.9875 | 156.7 | P |
| Calling Channel | 866.0125 | 821.0125 | 156.7 | P |
| Dispatch (for each EMS Agency) | 800 MHz | Analog Trunked Radio System | | |
| Direct to hospitals | 800 MHz | Analog Trunked Radio System | | |
| Other (e.g. tactical, etc.) | 868.9875 | 823.9875 | 156.7 | P |

San Benito County Operational Area**24-Hour Facilities****Emergency Services Dispatch**

Telephone: (831) 636-4100

CAL FIRE-San Benito-Monterey ECCThis center is known by the following call sign: **“Monterey”**

24/7 Telephone: (831) 647-6222

Regularly Monitored Channels

No data currently available

Shared Channel Infrastructure

No data currently available

San Benito County EMS Agency

471 Fourth Street, Hollister, CA 95023

Telephone: (831) 636-4168 / Fax (831) 636-4165

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | 155.280 | 155.280 | 2000 | Prim |
| Statewide Medical Coordination | 463.000 | 463.00 | 2000 | Prim |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to Hospitals (Mednet 1) | 468.000 | 463.000 | 2000 | Prim |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

San Bernardino County Operational Area

24-Hour Facilities

XBO Operational Area dispatch:

County Communications Center (CONFIRE)

Handles County Fire and cities not listed below

This center is known by the following call sign: “**Comm Center**”

Telephone: (909) 356-3805

Email: dispatchmanagers@confire.org

Regularly monitored channels: VFIRE21, BDC V1 - V7
(see following page)

CAL FIRE-San Bernardino ECC

Also handles Highland FD and Yucaipa FD

This center is known by the following call sign: “**BERDU**”

Telephone: (909) 883-1112

Regularly monitored channel: VFIRE21 (see following page)

Barstow Fire/PD Dispatch

This center is known by the following call sign: “**Barstow**”

Telephone: (760) 256-2211

Ontario Fire Dispatch

This center is known by the following call sign: “**Ontario**”

Telephone: (909) 983-5911

Regularly monitored channel: VFIRE21 (see following page)

San Bernardino County Sheriff's Department Dispatch

Telephone: (909) 356-3850 (Valley & Mountain areas)

Telephone: (760) 243-8904 (Desert areas)

Deployed SAR personnel monitor “**SBCo SAR**”

(see following page)

County Emergency Operations Center

Telephone: (909) 356-3998 (24hrs when activated)

Countywide contact for communications:

Bill Mahan, Battalion Chief (SBCoFD)

Telephone: (909) 665-0398

Email: bmahan@sbcfire.org

San Bernardino County Operational Area (Cont'd)

Regularly Monitored Channels

| VHF High | | | | |
|----------|----------|-------------|------------|-----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Fire | BDC V1 | 151.1450 | 154.0550 | 156.7/MPL |
| Fire | BDC V2 | 159.1200 | 156.0600 | 167.9/MPL |
| Fire | BDC V3 | 151.1525 | 158.8875 | 167.9/MPL |
| Fire | BDC V4 | 154.0325 | 151.4750 | 156.7/MPL |
| Fire | BDC V5 | 155.1075 | 155.9175 | 156.7/MPL |
| Fire | BDC V6 | 154.3850 | 151.4750 | 167.9/MPL |
| Fire | BDC V7 | 154.1900 | 154.8375 | 167.9/MPL |
| SAR** | SBCo SAR | 155.7750 | 153.9050 | 151.4/MPL |

Note: All "BDC-V" interop repeaters are monitored by "Comm Center". There are 13 fixed sites throughout the 20,000 sq. mile county covering all populated areas. They are normally patched to the regional 800mhz Fire talkgroup. Based on incident need, the console patches can be moved to any appropriate Fire or EMS talkgroup.

*** County Search and Rescue repeaters are stand-alone at 6 fixed sites countywide. These are monitored by SAR personnel when deployed.*

| UHF | | | | |
|-----------------|----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Shared Law/Fire | UTAC42 (San Sevaine) | 453.7125 | 458.7125 | 156.7 |

Shared Channel Infrastructure

| Swap (cache) Radios | | | |
|---------------------|--------------------------------|--------|-------------------|
| Jurisdiction | Agency | Units | Description |
| Countywide | Law, County Fire, County Radio | Varies | Portable Cache(s) |

San Bernardino County Operational Area (Cont'd)

| Shared Channels (Fire/EMS/SAR) | | | | |
|--------------------------------|---------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | VCALL10 | 155.7525 | 155.7525 | 156.7 |
| TAC | VTAC11 | 151.1375 | 151.1375 | 156.7 |
| TAC | VTAC12 | 154.4525 | 154.4525 | 156.7 |
| TAC | VTAC13 | 158.7375 | 158.7375 | 156.7 |
| TAC | VTAC14 | 159.4725 | 159.4725 | 156.7 |
| SAR TAC | VSAR16 | 155.1600 | 155.1600 | 127.3 |
| Portable Rpt | VTAC36 | 151.1375 | 159.4725 | 156.7/136.5 |
| Portable Rpt | VTAC37 | 154.4525 | 158.7375 | 156.7/136.5 |
| Fire TAC | VFIRE22 | 154.2650 | 154.2650 | 156.7 |
| Fire TAC | VFIRE23 | 154.2950 | 154.2950 | 156.7 |
| Fire TAC | VFIRE25 | 154.2725 | 154.2725 | 156.7 |
| Fire TAC | VFIRE24 | 154.2875 | 154.2875 | 156.7 |
| Fire TAC | VFIRE26 | 154.3025 | 154.3025 | 156.7 |
| TAC | CALCORD | 156.0750 | 156.0750 | 156.7 |

| Shared Channels (800 MHz) | | | | |
|---------------------------|------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW8-D | 853.5125 | 853.5125 | 156.7 |
| Fire | 8CAFIRE1-D | 853.9875 | 853.9875 | 156.7 |

| Gateways | | | | |
|--------------|------------------|-----------------|----------|----------------------|
| Jurisdiction | Agency | Type | Quantity | Fixed/Mobile |
| Countywide | County Radio/ITD | 700/800, VTAC36 | 1 | Mobile Trunking Site |
| Fire | BDC (CP1, CS1) | ACU-1000 | 2 | Mobile |

Inland Counties EM Agency

1425 South "D" Street, San Bernardino, CA 92415-0060

Telephone: (909) 388-5823 / Fax: (909) 388-5825

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|--------------------|--------------------|-------|----------|
| Local Medical Coordination (real time) San Bernardino | 800 MHz (6ALS1) | 800 MHz (6ALS1) | N/A | N/A |
| Inyo | 155.865 | 155.895 | 131.8 | Primary |
| Mono | 154.025 | 154.025 | 131.8 | Primary |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | 800 MHz (6ALS1) | 800MHz (6ALS1) | N/A | N/A |
| Dispatch (for each EMS Agency) Mono | 155.760 | 153.860 | 136.5 | N/A |
| Direct to Hospitals Mono | 155.895 | 154.025 | 136.5 | N/A |
| Other (e.g. tactical, etc.) HEAR NGT | N/A | N/A | N/A | N/A |

San Diego County Operational Area

24-Hour Facilities

San Diego County Sheriff's Communications Center Supervisor

Telephone: (858) 565-5030

CAL FIRE – Monte Vista Emergency Communications Center

This center is known by the following call sign: **"Monte Vista"**

Telephone: (619) 593-0384

Emergency Operations Center

Office of Emergency Services, Telephone: (858) 565-3490

Interoperability Channels

| VHF High | | | | |
|---|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 ¹ | 154.9200 | 154.9200 | 156.7 |
| Law | VLAW31 ¹ | 155.4750 | 155.4750 | 156.7 |
| ¹ Actively monitored by the San Diego County Sheriff's Communications Center | | | | |

| 800 MHz | | | | |
|---|-------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW8 ² | 853.5125 | 808.5125 | 156.7 |
| Fire/EMS | CAFIRE1 | 853.9875 | 808.9875 | 156.7 |
| Call | 8CALL90 ² | 851.0125 | 806.0125 | 156.7 |
| Tactical | 8TAC91 | 851.5125 | 806.5125 | 156.7 |
| Tactical | 8TAC92 | 852.0125 | 807.0125 | 156.7 |
| Tactical | 8TAC93 | 852.5125 | 807.5125 | 156.7 |
| Tactical | 8TAC94 | 853.0125 | 808.0125 | 156.7 |
| Tactical | RCS ACCESS ³ | 851.9500 | 806.9500 | 156.7 |
| ² Actively monitored by the San Diego County Sheriff's Communications Center. ³ RCS ACCESS is a county licensed frequency used as needed for multi-discipline interoperable communications in the region. All 800 MHz interoperability repeaters remain disabled when not in use and are enabled upon request. Use of interoperability frequencies and repeaters are coordinated through the San Diego County Sheriff's Communications Center. | | | | |

San Diego County Operational Area (Cont'd)**Shared Channel Infrastructure**

The San Diego County – Imperial County Regional Communications System (RCS) provides a multi-agency shared P25 trunked radio system used by most public safety agencies in the region. Except for the city of San Diego, all municipalities and county departments use the RCS as their primary radio system. The city of San Diego operates on its own P25 trunked radio system but has access to RCS common talkgroups used for interoperability.

The RCS has console-based gateways that allow all RCS agency communications centers to patch any of the interoperability frequencies listed above to RCS talkgroups. In addition, the RCS has console-based gateways that allow for console patching between RCS agencies and the city of San Diego's P25 trunked radio system, the Federal Integrated Wireless Network radio system, and the Navy Region Southwest radio system. For more information about the RCS, visit www.rcs800mhz.org.

San Diego County EMS Agency

6255 Mission Gorge Rd., San Diego, California 92120

Telephone: 619-285-6524 / Fax: (619) 515-6527

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) Trunked System | 800 MHz | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospitals Trunked System | 800 MHz | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) Trunked System | 800 MHz | N/A | N/A | N/A |

San Francisco County Operational Area

24-Hour Facilities

San Francisco PSAP, Dispatch Supervisor Line

24/4 Telephone: (415) 558-3884 (System Watch), (415) 575-0737 (Police) and (415) 558-3291 (Fire)

Emergency Services Coordinators

DES Watch Center/Duty Officer

demdutyofficer@sfgov.org

(415) 558-2738 desk

Mutual Aid Repeaters

| VHF High | | | | |
|----------|-------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE | 154.2800 | 154.2800 | 156.7 |

| UHF High | | | | |
|----------|-----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| UHF | SF MA-450 | 458.2250 | 453.2250 | 151.4 |

| 800 MHz | | | | |
|---------------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 6 | 853.5125 | 808.5125 | 156.7 |
| Law | CALAW 8 | 851.2000 | 806.2000 | 156.7 |
| Fire/EMS | CAFIRE 1 | 853.9875 | 808.9875 | 156.7 |
| Fire/EMS | CAFIRE 2 | 851.9125 | 806.9125 | 156.7 |
| Calling | 8CALL90 | 851.0125 | 806.0125 | 156.7 |
| Public Safety | 8TAC91 | 851.5125 | 806.5125 | 156.7 |
| Public Safety | 8TAC92 | 852.0125 | 807.0125 | 156.7 |
| Public Safety | 8TAC93 | 852.5125 | 807.5125 | 156.7 |
| Public Safety | 8TAC94 | 853.0125 | 808.0125 | 156.7 |

San Francisco County Operational Area (Cont'd)

Shared Channel Infrastructure

| Repeaters | | | |
|-----------------------|-------------|------------|---------------------------------|
| Name | Rx (Output) | Tx (Input) | CTCSS |
| CESRS Control Station | 153.755 | 154.980 | 192.8 |
| MT TAM | | 154.980 | 131.8 |
| MT DIABLO | | 154.980 | 156.7 |
| LOMA PRIETA | | 154.980 | 110.9 |
| VMED 28 | 155.3400 | 155.3400 | CSQ (2.5kHz/156.7) (12.5kHz) |
| MED 9 | 467.9500 | 462.9500 | 167.9 (2.5kHz/12.5kHz) |

| FBI 25 Cities | | | |
|---------------|-------------|------------|--------------------------|
| Name | Rx (Output) | Tx (Input) | CTCSS |
| SF MA T-A | 486.1375 | 483.1375 | 156.7 (5khz/25khz) |
| SF MA V-A | 162.9000 | 168.7625 | NAC 653 (2.5khz/12.5khz) |
| SF FED-V | 163.7750 | 171.6125 | NAC 653 (2.5khz/12.5khz) |
| SF MA U-A | 418.0125 | 409.0125 | 167.9 (2.5khz/12.5khz) |
| SF FED-U | 419.4125 | 410.4125 | NAC 653 (2.5khz/12.5khz) |

San Francisco City and County EMS Agency

300 Van Ness Ave., Suite 3300, San Francisco, CA 94102

Telephone: (415) 487-5000 / Fax: (415) 552-0194

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|--|--|--|---|
| <p>San Francisco has a trunked 800 MHz system with 23 frequencies called Citywide Emergency Radio System (CERS) using Motorola equipment. It services police, fire, EMS, & sheriff. This works with eight repeaters. Local medical coordination is assigned four talk groups: EMS1, EMS2, EMS3, EMS4. The first two are encrypted for field providers to notify hospitals; the second two are used by Dispatch and the private companies, as well as non-emergency communications with SFFD.</p> <p>Emergency Backup System Med 9 Med 10</p> | <p>462.95 462.95 462.98</p> | <p>467.95 467.95 467.98</p> | <p>167.9 167.9 167.9</p> | <p>Alt-1 Alt-1 Alt-2</p> |
| <p>Statewide Medical Coordination HEAR Network</p> | 155.34 | 155.34 | CSQ/ DTMF | Prim |
| Calling Channel | N/A | N/A | N/A | N/A |
| <p>Dispatch (for each EMS Agency) See comments above. The Dispatch talk groups are</p> <p>FD-A1 FD-A2 FD-A3</p> | <p>462.95 462.98 488.36 488.56 488.76 489.11 489.16 489.19</p> | <p>467.95 467.98 491.36 491.56 491.76 492.11 492.16 492.19</p> | <p>167.9 167.9 506 506 506 506 506 506</p> | <p>Alt Prim Prim Prim Prim Prim Prim Prim</p> |
| <p>Direct to Hospitals (talk groups): EMSA1-community hospitals</p> | | | | |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| EMSA2-SF General, and Base Hospital physician consults | | | | |
| Other: | | | | |
| OES State Fire Net | 159.195 | 154.160 | 103.5 | Alt |
| Fire White | 154.280 | 154.280 | CSQ | Alt |
| CALCORD | 156.075 | 156.075 | CSQ | Alt |
| N.CAL. Mutual Aid-9 (FIREMARS-low) | 821.9125 | 866.9125 | 156.7 | Alt |

San Joaquin County Operational Area – Sheriff

24-Hour Monitoring Facilities

San Joaquin County Sheriff's Department Communications Center

Telephone: (209) 468-5517 or (209) 468-4401

Emergency Services Coordinator

Telephone: (209) 953-6208 / Cell: (209) 641-3839

Regularly Monitored Channels

The San Joaquin County Sheriff's Department does not routinely monitor any national or state interoperability channels.

Shared Channel Infrastructure

The San Joaquin County Sheriff's Department maintains a non-staffed Mobile Communications Vehicle (MLEC) available for call outs with a one-hour lead time. Based at Rough and Ready Island in Stockton, it is equipped with three UHF, two VHF, one low band, and one 800 MHz radios. This system gateway can patch the channels listed on San Joaquin County's frequency list.

San Joaquin County Operational Area – City of Lodi

24-Hour Monitoring Facilities

The City of Lodi provides 24-hour monitoring of interoperability channels through the **City of Lodi Public Safety Communications Center**. This center is staffed by the Lodi Police Department and is the main point of contact for the City of Lodi Police and Fire Departments.

The center is known by the following call signs: “**Lodi Police**”; or “**Lodi Police Dispatch**”

24-hour non-emergency telephone: (209) 333-6727

Regularly Monitored Channels

The City of Lodi Public Safety Communications Center does not commonly monitor the national or state interoperability channels; notification comes through the San Joaquin Office of Emergency Services (OES) system.

San Joaquin County Operational Area (Cont'd)

Shared Channel Infrastructure

The City of Lodi Public Safety Communications Center has the capability of utilizing a channel from the San Joaquin County Sheriff's Office, labeled as "SJCO Interop" along with the CALAW channel. These are not actively monitored.

The City of Lodi maintains a mobile communication unit that has the capability of broadcasting on VHF Low Band, UHF and 800 MHz systems. This unit also maintains a gateway that can patch to any of the pre-programmed channels in the frequency bands listed above.

San Joaquin County Operational Area – City of Tracy

24-Hour Monitoring Facilities

The City of Tracy provides 24-hour monitoring of interoperability channels and is staffed by City of Tracy employees. The center is the point of contact for city law enforcement and public works.

This center is known by the following calls signs: "Tracy"; "Tracy Dispatch"; or "Tracy PD"

Citywide Coordinated Communications Center:

Telephone: (209) 831-4552

Regularly Monitored Channels

| UHF | | | | |
|----------|------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Tracy PD | TPD1 | 453.9750 | 453.9750 | 830 |
| Tracy PD | TPD2 | 453.9250 | 453.9250 | 831 |

Shared Channel Infrastructure

The City of Tracy does not currently have a gateway system in the 24-hour Public Safety Answering Point (PSAP).

San Joaquin County Operational Area (Cont'd)

San Joaquin County Operational Area – City of Ripon

24-Hour Monitoring Facilities

The Ripon Police Department provides 24-hour monitoring of interoperability channels through its communications center, which is staffed by the Ripon Police Department. This center is the point of contact for all Ripon Police Department sworn and non-sworn staff.

This center is known by the following call sign: **“Ripon”**

Ripon Police Department Communications Center:

Telephone: (209) 599-2102

Emergency Services Coordinator

Telephone: (209) 953-6208 / Cell: (209) 351-1540

Regularly Monitored Channels

The City of Ripon does not routinely monitor any national or state interoperability channels.

Shared Channel Infrastructure

The Ripon Police Department maintains a console-based gateway at its Countywide Coordinated Communications Center. This gateway can patch any of the channels listed above to any Ripon Police Department 450 MHz radio channel.

San Joaquin County Operational Area – Joint Radio User Group

24-Hour Monitoring Facilities

The San Joaquin County Joint Radio Users Group (SJCJRUG) is comprised of 14 Fire Districts located in San Joaquin County plus two private ambulance providers (Manteca District Ambulance Service and Escalon Community Ambulance Service). The Group is contracted with American Medical Response and is dispatched through its 24-hour **Valley Regional Emergency**

Communications (VRECC) Center located in Salida, CA. The primary Dispatch Channel is repeated from two separate mountain top sites and is known by the call sign **“Control 1.”**

San Joaquin County Operational Area (Cont'd)**Regularly Monitored Channels**

VRECC regularly monitors the primary dispatch channel listed above, along with three repeated Command Channels, Command 3, 5 and 6. These channels can be patched through the Center.

The channels listed below are simplex tactical channels monitored in the Center and can be patched in the field, as they are simplex and have range limitations. All channels used for interoperability are used by field units only. Communication with the Dispatch Center is accomplished through the repeated Dispatch and Command channels.

| VHF High | | | | |
|---------------------|-----------|-------------|------------|--------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE-1 | 154.2800 | 154.2800 | None |
| PRIMARY DISPATCH | CONTROL 1 | 159.4800 | 152.9750 | 110.9 |
| COMMAND | COMMAND 3 | 154.1300 | 156.1200 | 110.9 |
| COMMAND | COMMAND 5 | 159.1125 | 154.6575 | DPL565 |
| COMMAND | COMMAND 6 | 152.3525 | 157.5825 | 100.0 |
| TAC FIREGROUND | SJ TAC 7 | 154.0700 | 154.0700 | 110.9 |
| TAC FIREGROUND | SJ TAC 8 | 154.2350 | 154.2350 | 156.7 |
| TAC FIREGROUND | SJ TAC 9 | 159.1725 | 159.1725 | 565 |
| TAC FIREGROUND | SJ TAC 10 | 156.2400 | 156.2400 | 565 |
| AIR OPS | CALCOORD | 156.0750 | 156.0750 | CSQ |

San Joaquin County Operational Area (Cont'd)

San Joaquin County Operational Area – Fire

24-Hour Monitoring Facilities

Stockton Fire Regional Emergency Communications Center
(provides dispatch services for Stockton, Lathrop, Lodi, Manteca and Tracy.)

This center is known by the following call signs: “**Stockton Control-1**” for Stockton/Lodi dispatch and “**SCD**” for Lathrop/Manteca/Tracy dispatch.

Telephone: (209) 464-4646 Emergency or (209) 464-4648 (Non-emergency)

Regularly Monitored Channels

The Stockton Fire Regional Emergency Communications Center does not routinely monitor any national or state interoperability channels.

Shared Channel Infrastructure

The following two channels are patched via a console-based gateway:

| UHF | | | | |
|-----------|--------------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| STO 4 I/O | Stockton Fire Interoperability | 460.6000 | 465.6000 | 82.5 |

| VHF | | | | |
|---------|--------------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| STO VHF | Stockton Fire Interoperability | 153.9200 | 158.7750 | 118.8 |

The Stockton Fire Department's Chief Operator's vehicle has a gateway available.

San Joaquin County EMS Agency

PO Box 220, French Camp, California 95231-0220

Telephone: (209) 468-6818 / Fax: (209) 468-6725

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|----------|---------|----------|
| Local Medical Coordination (real time) | | | | |
| Med 1 - San Joaquin General Hospital – North Co. | 468.0000 | 463.0000 | DPL 132 | P |
| Med 2 - San Joaquin General Hospital– South Co. | 468.0250 | 463.0250 | 5B | P |
| Med 3 - Kaiser Hospital Manteca | 468.0500 | 463.0500 | DPL 331 | P |
| Med 4 - Sutter Tracy Community Hospital | 468.0750 | 463.0750 | 5B | P |
| Med 5 - Doctors Hospital of Manteca | 468.1000 | 463.1000 | DPL 532 | P |
| Med 6 - Lodi Memorial Hospital | 468.1250 | 463.1250 | 5B | P |
| Med 7 - Dameron Hospital | 468.1500 | 463.1500 | DPL 732 | P |
| Med 8 - St. Joseph's Medical Center | 468.1750 | 463.1750 | 5B | P |
| SJGH HEAR– San Joaquin General Hospital | 155.4000 | 155.4000 | 107.2 | Alt |
| HEAR – San Joaquin General Hospital - | 155.4000 | 155.4000 | CSQ | Alt |
| Statewide Medical Coordination | | | | |
| VMED 28 | 155.3400 | 155.3400 | CSQ | |
| VMED 29 | 155.3475 | 155.3475 | 156.7 | |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | | | | |
| CALCORD | 156.075 | 156.075 | N/A | N/A |

San Joaquin County EMS Agency (Cont'd)

| Dispatch and tactical frequencies for transport and non-transport providers | | | | | |
|---|----------|---------|----------|---------|-----|
| Display | RX Freq | CTCSS | TX Freq | CTCSS | NAC |
| SJ AMR TAC 2 | 463.9500 | 107.2 | 468.9500 | 107.2 | N/A |
| SJ AMR TAC 3 | 462.5000 | 107.2 | 467.5000 | 107.2 | N/A |
| SJ AMR TAC 1 T/A | 461.5250 | DPL 114 | 461.5250 | DPL 114 | N/A |
| SJ AMR PRIMARY D | 464.2000 | NAC 209 | 469.2000 | NAC 209 | N/A |
| AMR PRIMARY | 461.5250 | DPL 114 | 466.5250 | DPL 114 | N/A |
| SJJRUG CTRL 1 | 159.4800 | 110.9 | 152.9750 | 110.9 | N/A |
| SCD MAIN | 155.0550 | 82.5 | 153.9500 | 82.5 | N/A |
| SCD SOUTH | 154.7250 | DPL 165 | 158.8950 | DPL 165 | N/A |
| SFD (1) DISPATCH | 453.2750 | N/A | 458.2750 | N/A | 385 |
| LODI DISP | 460.2375 | N/A | 465.2375 | N/A | 603 |
| SJJRUG CMD 3 | 154.1300 | 110.9 | 156.1200 | 156.7 | N/A |
| SJJRUG CMD 5 | 159.1125 | DPL565 | 154.6575 | DPL565 | N/A |
| SJJRUG CMD 6 | 152.3525 | 100.0 | 157.5825 | DPL143 | N/A |
| SJJRUG TAC 7 | 154.0700 | 110.9 | 154.0700 | 110.9 | N/A |
| SJJRUG TAC 8 | 154.2350 | 156.7 | 154.2350 | 156.7 | N/A |
| SJJRUG TAC 9 | 159.1725 | 565 | 159.1725 | 565 | N/A |
| SJJRUG TAC 10 | 156.2400 | 565 | 156.2400 | 565 | N/A |
| LODI FD TAC 11 | 460.2875 | N/A | 465.2875 | N/A | 604 |
| LODI FD TAC 4 | 154.0100 | 192.8 | 159.0600 | 192.8 | N/A |
| MAN TAC 1 | 154.9500 | 94.8 | 159.1500 | 94.8 | N/A |
| MAN TAC 2 | 153.9500 | 265 | 155.8650 | 265 | N/A |
| LMD TAC 1 | 151.0925 | 343 | 153.8000 | 343 | N/A |
| TRY TAC 1 | 155.8950 | DPL 165 | 153.8150 | DPL 165 | N/A |
| TRY TAC 2 | 156.1875 | DPL 165 | 156.1875 | DPL 165 | N/A |
| SFD (2) TAC 2 | 460.5750 | N/A | 465.5750 | N/A | 382 |
| SFD (3) TAC 3 | 460.6250 | N/A | 465.6250 | N/A | 381 |
| SFD (4) TAC 4 IOP | 163.9200 | 118.8 | 158.7750 | 118.8 | N/A |
| SFD (5) CMD | 460.5500 | N/A | 465.5500 | N/A | 384 |
| SFD (6) TAC 2 TA | 460.5750 | N/A | 460.5750 | N/A | 382 |

| Dispatch and tactical frequencies for transport and non-transport providers | | | | | |
|---|----------|-------|----------|-------|-----|
| SFD (7) TAC 3 TA | 460.6250 | N/A | 460.6250 | N/A | 381 |
| SFD (8) TAC 4 TA | 163.9200 | 118.8 | 163.9200 | 118.8 | N/A |
| SFD (9) CMD TA | 460.5500 | 384 | 460.5500 | 384 | 384 |
| SFD VHF INTEROP | 153.9200 | 118.8 | 158.7750 | 118.8 | N/A |
| LODI FD TAC 3 | 453.3500 | N/A | 458.3500 | N/A | 602 |
| LODI FD TAC 5 | 158.9400 | 192.8 | 158.9480 | 192.8 | N/A |
| VFIRE 21 | 154.2800 | 157 | 154.2800 | 156.7 | N/A |
| VFIRE 22 | 154.2650 | 156.7 | 154.2650 | 156.7 | N/A |
| VFIRE 23 | 154.2950 | 156.7 | 154.2950 | 156.7 | N/A |
| VFIRE 24 | 154.2725 | 156.7 | 154.2725 | 156.7 | N/A |
| VFIRE 25 | 154.2875 | 156.7 | 154.2875 | 156.7 | N/A |
| VFIRE 26 | 154.3025 | 156.7 | 154.3025 | 156.7 | N/A |
| CALCORD | 156.0750 | 156.7 | 156.0750 | 156.7 | N/A |
| STK AIRPORT VHF | 155.0250 | 110.9 | 155.0250 | 110.9 | N/A |
| STK AIRPORT UHF | 460.1375 | 103.5 | 465.1375 | 103.5 | N/A |
| HAZMAT TAC 1 | 453.2875 | 136.5 | 453.2875 | 136.5 | N/A |
| HAZMAT TAC 2 | 458.2875 | 136.5 | 458.2875 | 136.5 | N/A |
| OES 7 | 453.3750 | 136.5 | 458.3750 | 136.5 | N/A |
| OES 15 | 453.6500 | 136.5 | 458.6500 | 136.5 | N/A |
| XSJ UHF IOP | 460.3500 | N/A | 465.3500 | N/A | 391 |

San Luis Obispo County Operational Area

24-Hour Monitoring Facilities

San Luis Obispo County operates two 24-hour emergency dispatch centers.

Law Enforcement (Sheriff)

The **Sheriff PSAP** located in San Luis Obispo, dispatches all law enforcement calls for unincorporated areas. They also dispatch all ambulance units within the county.

This center is known by the following call sign: “**Control 20**”

24/7 Telephone: (805) 781-4550

CAL FIRE-County Fire San Luis Obispo ECC

The **Fire Dispatch center** located in San Luis Obispo, dispatches fire and medical related calls for unincorporated areas and some cities under contract.

This center is known by the following call sign: “**San Luis**”

24/7 Telephone: (805) 543-4242

Regularly Monitored Channels

| VHF High | | | | |
|---|---|-------------|------------|--------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Fire | County Fire Net (Dispatch/New Incidents) | 154.3850 | 156.0300 | 82.5/82.5 |
| Fire | SLU ¹ | 151.3250 | 159.3150 | Multi ¹ |
| Fire | XSL CMD 4 | 151.0550 | 156.0450 | 192.8 |
| Fire | XSL CMD 5 | 154.8300 | 156.0900 | 186.2 |
| ¹ SLU (San Luis Ranger Unit) local net operates on tones 10, 11, 12, 13 (see page 5-1) depending on mobile location | | | | |

San Luis Obispo County Operational Area (Cont'd)

| UHF | | | | |
|--|-----------------------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 4 | 460.0250 | 465.0250 | 156.7/156.7 |
| Law | Sheriff Red ¹ | 460.0500 | 465.0500 | 123.0/82.5 |
| Law | Sheriff Yellow ¹ | 460.4750 | 465.4750 | 123.0/82.5 |
| EMS | MED 1 ² | 463.0000 | 468.0000 | 88.5/88.5 |
| ¹ Sheriff Red & Yellow channels are monitored by all seven city police agencies within San Luis Obispo County and Cal Poly State University Police. CHP San Luis Obispo Dispatch Center monitors Red channel. ² Med 1 used for county wide ambulance dispatch | | | | |

Shared Channel Infrastructure

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Interop | CALCORD | 156.0750 | 156.0750 | 156.7 |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |

| UHF | | | | |
|------|---------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW4D | 460.0250 | 460.0250 | 156.7/156.7 |
| Law | CALAW4 | 460.0250 | 465.0250 | 156.7/156.7 |

San Luis Obispo County Communications operates a "Mobile Interoperability Gateway Unit" known as MIGU 5. This unit is provided by Cal OES. The mobile unit incorporates radios covering from 2-30 MHz HF & 30-800 MHz VHF/UHF; controlled via two JPS ACU-1000 switches. An OASIS Satellite Earth Station provides 12 phone connections and internet access.

Other resources:**County Office of Emergency Services**

Telephone (business hours): (805) 781-5011

Telephone (On Call Duty coordinator): (805) 781-1144

San Luis Obispo County EMS Agency

2180 Johnson Ave., 2nd Floor, San Luis Obispo, CA 93401

Telephone: (805) 788-2512 / Fax: (805) 788-2517

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Med 1 | 468.000 | 463.000 | N/A | N/A |
| Med 2 | 468.025 | 463.025 | N/A | N/A |
| Med 3 | 468.050 | 463.050 | N/A | N/A |
| Med 4 | 468.075 | 463.075 | N/A | N/A |
| Statewide Medical Coordination | 0 | 0 | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Med 1 | 468.000 | 463.000 | N/A | N/A |
| Med 2 | 468.025 | 463.025 | N/A | N/A |
| Med 3 | 468.050 | 463.050 | N/A | N/A |
| Med 4 | 468.075 | 463.075 | N/A | N/A |
| Direct to hospitals | | | | |
| Med 2 | | | | |
| Med 3 | 468.050 | 463.050 | N/A | N/A |
| Med 4 | 468.075 | 463.075 | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

San Mateo County Operational Area

Law, Fire & EMS Dispatch

San Mateo County's Public Safety Dispatch Center (PSC) is located at the county government center in Redwood City. Dispatch services for multiple agencies are facilitated at PSC. This includes the Sheriff, Coroner, Transit Police, various local city police departments and Fire/EMS services in the county. The center also serves as the 24/7 answering point for Law, Fire EMS & EMMA mutual aid & resource requests.

This center is known by the following call sign: "**San Mateo County**"

24/7 Telephone: (650) 363-4911

400 County Center, Redwood City, CA

San Mateo County Office of Emergency Services

If the above center is not available, the OES office may be called directly.

This center is known by the following call sign: "**Sheriff's OES or OES Base**"

Telephone: (650) 363-4790 (not staffed 24/7)

555 County Center, 4th Floor, Redwood City, CA 94063

The San Mateo County Sheriff's Office has a number of mutual aid emergency communications assets at its disposal. Some of these include:

- JPS ACU-T portable gateway, providing interoperability among VHF, UHF, 700 & 800 MHz channels.
- Four portable repeater kits covering VHF, UHF & 800 MHz. Each kit is equipped with external antennas, back up battery's and solar panels for prolonged deployments.
- Three mutual aid radio kits providing cache radios for VHF, UHF, & 700/800 MHz. Each kit is equipped with gang chargers, rechargeable batteries, belt clips and shoulder microphones.

San Mateo Operational Area (Cont'd)

- Mobile Communications Unit (MCU) - The MCU is designed as a small command post, and radio dispatch center. It is equipped as a mobile office with an onboard generator, satellite internet, color laser printer, ICS vest kit, equipment/personnel accountability kit and two-way radios.
- Cal OES "Mobile Interoperability Gateway Unit" (MIGU 2). The MIGU is designed as a field communications hub and communications gateway. The primary mission is to provide radio interoperability, OASIS phones and internet to a field command post, mobile EOC or shelter. It can also be used as a repeater platform or remote radio link.

To request any of the above resources, contact the Sheriff's OES On-Call Coordinator at (650) 363-4911. MIGU-2 may also be requested by contacting the Cal OES Warning Center at (916) 845-8911.

San Mateo Consolidated Fire Department operates two VHF portable repeaters, with built in UHF links. They are available and can be deployed at arbitrary locations throughout the area. To request the VHF repeaters, call (650) 363-4911 and ask for Mike Towns to be paged.

Regularly Monitored Channels

San Mateo County Fire & EMS

| VHF High | | | | |
|------------------|------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| SOUTH DISPATCH | CONTROL 1A | 153.8900 | 159.0750 | 114.8/107.2 |
| SOUTH COMMAND | COMMAND 11 | 154.3700 | 156.0150 | 114.8/123.0 |
| CENTRAL DISPATCH | CONTROL 2 | 153.7850 | 158.8500 | 156.7 |
| CENTRAL COMMAND | COMMAND 21 | 153.9500 | 156.0450 | 114.8 |
| NORTH DISPATCH | CONTROL 3 | 154.1000 | 160.0650 | 114.8 |

San Mateo Operational Area (Cont'd)

| VHF High | | | | |
|---------------------|------------|---|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| NORTH COMMAND | COMMAND 31 | 151.0850 | 158.7900 | 123.0 |
| COAST DISPATCH | CONTROL 1B | 154.3400 | 159.0750 | 114.8/107.2 |
| COAST DISPATCH | CONTROL 1C | 154.1450 | 159.0750 | 114.8/107.2 |
| COAST DISPATCH | CONTROL 1D | 154.2350 | 159.0750 | 114.8/107.2 |
| COAST DISPATCH | CONTROL 1E | 151.0850 | 159.0750 | 114.8/107.2 |
| COAST COMMAND | COMMAND 41 | 155.8950 | 160.1700 | 114.8/162.2 |
| COUNTY WIDE COMMAND | COMMAND 51 | 151.4750 | 159.0150 | 167.9 |
| AMBULANCE DISPATCH | RED | San Mateo County P25 Regional Communications System | | |

San Mateo County Sheriff

| VHF High | | | | |
|------------------------|----------|---|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| SHERIFF PATROL | PATPRI 1 | San Mateo County P25 Regional Communications System | | |
| SHERIFF PATROL | PATPRI 2 | San Mateo County P25 Regional Communications System | | |
| SHERIFF PATROL BACK UP | PATPRI 3 | San Mateo County P25 Regional Communications System | | |
| SHERIFF PATROL BACK UP | PATPRI 4 | San Mateo County P25 Regional Communications System | | |
| SHERIFF PATROL BACK UP | PATPRI 5 | San Mateo County P25 Regional Communications System | | |
| SHERIFF OES | OES | San Mateo County P25 Regional Communications System | | |

San Mateo Operational Area (Cont'd)

| VHF High | | | | |
|----------------|----------|---|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| SHERIFF PATROL | PATPRI 1 | San Mateo County P25 Regional Communications System | | |
| SHERIFF PATROL | PATPRI 2 | San Mateo County P25 Regional Communications System | | |

San Mateo County Law Mutual Aid

| VHF High | | | | |
|---------------------|-----------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| COUNTY WIDE M/A | CWMA (GREEN) | 488.8875 | 491.8875 | 114.8 |
| NORTH TACTICAL | TAC 1 | 488.8625 | 491.8625 | 114.8 |
| CENTRAL TACTICAL | TAC 2 | 488.7125 | 491.7125 | 114.8 |
| SOUTH TACTICAL | TAC 3 | 488.5375 | 491.5375 | 114.8 |

Shared Channel Infrastructure

| VHF High | | | | |
|----------------------|-----------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| CALLING | VCALL 10 | 155.7525 | 155.7525 | 156.7 |
| TACTICAL | VTAC 11 | 151.1375 | 151.1375 | 156.7 |
| TACTICAL | VTAC 12 | 154.4525 | 154.4525 | 156.7 |
| TACTICAL | VTAC 13 | 158.7375 | 158.7375 | 156.7 |
| TACTICAL | VTAC 14 | 159.4725 | 159.4725 | 156.7 |
| TACTICAL REPEATER | VTAC 33 * | 159.4725 | 151.1375 | 156.7/136.5 |
| TACTICAL REPEATER | VTAC 34 * | 158.7375 | 154.4525 | 156.7/136.5 |
| TACTICAL REPEATER | VTAC 35 * | 159.4725 | 158.7375 | 156.7/136.5 |

San Mateo Operational Area (Cont'd)

| VHF High | | | | |
|-------------------|-----------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| TACTICAL REPEATER | VTAC 36 * | 151.1375 | 159.4725 N | 156.7/136.5 |
| TACTICAL REPEATER | VTAC 37 * | 154.4525 | 158.7375 N | 156.7/136.5 |
| TACTICAL REPEATER | VTAC 38 * | 158.7375 | 159.4725 N | 156.7/136.5 |
| FIRE | VFIRE 21 | 154.2800 | 154.2800 N | 156.7 |
| FIRE | VFIRE 22 | 154.2650 | 154.2650 | 156.7 |
| FIRE | VFIRE 23 | 154.2950 | 154.2950 | 156.7 |
| FIRE | VFIRE 24 | 154.2725 | 154.2725 | 156.7 |
| FIRE | VFIRE 25 | 154.2875 | 154.2875 | 156.7 |
| FIRE | VFIRE 26 | 154.3025 | 154.3025 | 156.7 |
| TACTICAL | CALCORD | 156.0750 | 156.0750 | 156.7 |
| LAW | CALAW 1 | 154.9200 | 154.9200 | 156.7 |
| LAW | CALAW 2 | 154.9350 | 154.9350 | 156.7 |
| LAW | VLAW 31 | 155.4750 | 155.4750 | 156.7 |
| LAW | VLAW 32 | 155.4825 | 155.4825 | 156.7 |

| UHF | | | | |
|--|------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW 4 * | 460.0250 | 465.0250 | 156.7 |
| CALLING | UCALL 40 * | 453.2125 | 458.2125 | 156.7 |
| TAC | UTAC 41 * | 453.4625 | 458.4625 | 156.7 |
| TAC | UTAC 42 * | 453.7125 | 458.7125 | 156.7 |
| TAC | UTAC 43 * | 453.8625 | 458.8625 | 156.7 |
| * There is no permanent repeater in the county. A portable repeater is available; see above. | | | | |

San Mateo Operational Area (Cont'd)

| 800 MHz | | | | |
|--|------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| CALLING | 8CALL 90 * | 851.0125 | 806.0125 | 156.7 |
| TAC | 8TAC 91 * | 851.5125 | 806.5125 | 156.7 |
| TAC | 8TAC 92 * | 852.0125 | 807.0125 | 156.7 |
| TAC | 8TAC 93 * | 852.5125 | 807.5125 | 156.7 |
| TAC | 8TAC 94 * | 853.0125 | 808.0125 | 156.7 |
| * There is no permanent repeater in the county. A portable repeater is available; see above. | | | | |

San Mateo County EMS Agency

801 Gateway Blvd 2nd Floor, South San Francisco, CA 94080
 Telephone: (650) 573-2564 / Fax: (650) 573-2029

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | N/A | N/A | N/A | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Santa Barbara County Operational Area

24-Hour Monitoring Facilities

Law/Fire/EMS (Sheriff)

24/7 Telephone: (805) 683-2724

Regularly Monitored Channels

Note: Not Regularly Monitored by Dispatch

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |

Note: Not Regularly Monitored by Dispatch

| UHF | | | | |
|------|---------|-------------|------------|------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 5 | 460.0250 | 465.0250 | None/156.7 |

Shared Channel Infrastructure

| Swap (cache) Radios | | | |
|----------------------|------------------|-------|--|
| Jurisdiction | Agency | Units | Description |
| Santa Barbara County | General Services | 104 | UHF portable radios programmed to the Sheriff's profile. |

| Shared Channels | | | | |
|---|-----------------------------|-------------|------------|------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | SB PD | 465.100 | 460.100 | 82.5/82.5 |
| Fire | Lompoc PD | 465.125 | 460.125 | 97.4/97.4 |
| Law | Red (SLO/SBC Mutual Aid) | 465.050 | 460.050 | 82.5/123.0 |
| *Red channel only monitored in patrol cars in Northern part of SB County, not operable in dispatch. | | | | |

Santa Barbara County Operational Area (Cont'd)

| Gateways | | | | |
|----------------------|------------------|----------|----------|--------------|
| Jurisdiction | Agency | Type | Quantity | Fixed Mobile |
| Santa Barbara County | General Services | ACU 1000 | 2 | Mobile |
| Santa Barbara County | General Services | ACU 1000 | 1 | Fixed (IVFP) |

| Shared Systems | | | |
|----------------|--------------|--------------------|--|
| Name | Service Area | Radio System | Public Safety Agencies Supported |
| SBC | Countywide | UHF/VHF simulcast | SBC Sheriff's Dept./SBC Fire Dept./EMS |
| SBC | Countywide | Microwave backbone | See above |

Santa Barbara County EMS Agency

300 North San Antonio Rd., Santa Barbara, CA 93110-1316

Telephone: (805) 681-5274 / Fax: (805) 681-5142

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) Med 10 | 467.975 | 462.975 | 167.9 | N/A |
| Patch to hospitals | | | | |
| Med1 | N/A | N/A | 173.8 | N/A |
| Med 2 | N/A | N/A | 173.8 | N/A |
| Med 3 | N/A | N/A | 186.2 | N/A |
| Med 4 | N/A | N/A | 146.2 | N/A |
| Med 5 (SB Cottage Hospital) | 468.100 | 463.100 | 146.2 | N/A |
| Med 6 (Goleta & Santa Ynez Cottage Hospitals) | 468.125 | 463.125 | 167.9 | N/A |
| Med 7 (Lompoc Valley Med Ctr) | 468.150 | 463.150 | N/A | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Med 8 (Marian Medical Center) | 468.175 | 463.175 | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |
| Med Net intercom – all hospitals & EMS Agencies are linked on an intercom system (Telco & Microwave networked). Hospitals can selectively call each other or perform a call. | | | | |

Santa Clara County Operational Area

24-Hour Facilities

Office of Emergency Services

Telephone: (408) 299-2501

CAL FIRE-Santa Clara ECC

This center is known by the following call sign: “Morgan Hill”

24/7 Telephone: (408) 779-4111

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW1 | 154.9200 | 154.9200 | None |
| Fire | VFIRE21 | 154.2800 | 154.2800 | None |

Shared Channel Infrastructure

| VHF High | | | | |
|------------------|------------------------|----------------------|----------------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Multi Discipline | Redding Trunked System | 8 - 800 MHz Channels | 8 - 800 MHz Channels | N/A |

Santa Clara County EMS Agency

700 Empey Way, San Jose, CA 95128

Telephone: (408) 794-0610 / Fax: (408) 792-1350

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|------------|---------|-------------|----------|
| Local Medical Coordination (real time) Cellular | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | T-811.4375 | 94.8 | R- 856.4375 | (192.5) |
| Direct to hospitals | T-812.4375 | 156.7 | R- 857.4375 | (225.7) |
| Other (e.g. tactical, etc.) Radio Paging Signs | 458.100 | 453.100 | N/A | N/A |

Santa Cruz County Operational Area

24-Hour Facilities

Emergency Operations Center Coordinator

Telephone: (831) 471-1190

CAL FIRE-San Mateo-Santa Cruz ECC

This center is known by the following call sign: “**Felton**”

24/7 Telephone: (831) 335-9113

Regularly Monitored Channels

No data currently available

Shared Channel Infrastructure

No data currently available

Santa Cruz County EMS Agency

1080 Emeline Ave., Santa Cruz, CA 95060

Telephone: (831) 454-4751 / Fax: (831) 454-4272

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|--------------------|--------------------|--------------|-------------|
| Local Medical Coordination (real time) Local Govt HEAR Net | 153.935 155.385 | 155.055 155.385 | 131.8 CSQ | Prim Alt |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel Private | 47.66 | 47.66 | 103.5 | Prim |
| Dispatch (for each EMS Agency) Med 3 | 468.050 | 463.050 | 173.8/186.2 | Prim |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) Fire-Red | 153.770 | 154.325 | 162.2 | Prim |

Shasta County Operational Area

24-Hour Facilities

Emergency Coordinator

Telephone: (530) 245-6540

Sheriff Department

Telephone: (530) 245-6000

CAL FIRE-Shasta-Trinity ECC

This center is known by the following call sign: “**REDDING**”

24/7 Telephone: (530) 225-2411.

Emergency Line: (530) 243-1434

SHASCOM 9-1-1

This center is known by the following call sign: “**SHASCOM**”

24/7 Telephone: (530) 245-6500

Regularly Monitored Channels

| VHF High | | | | |
|----------------------------------|-----------|-------------|------------|------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | SHU Local | 159.2700 | 151.1600 | 136.5/OST* |
| * OST = Operator Selectable Tone | | | | |

Shared Channel Infrastructure

No data currently available

Sierra County Operational Area

24-Hour Monitoring Facilities

The **Sierra County Sheriff's Office Communications Center** is the initial POC for all County law enforcement, fire, medical and OES services (Primary PSAP)

24/7 Dispatch Center

Telephone: (530) 289-3700

24/7 OASIS: 3-6801 – 3-6808

Office of Emergency Services (OES)

Business Hours: (530) 289-2850

After Hours: (530) 289-3700 or (530) 289-3333

Emergency Services Coordinator:

Telephone: (530) 289-2850

Regularly Monitored Channels

| VHF High | | | | |
|----------|-------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW | 154.9200 | 154.9200 | 156.7 |

Shared Channel Infrastructure

No data currently available

Northern California EMS Agency

(Lassen, Modoc, Plumas, Sierra, Trinity)

930 Executive Way, Suite 150, Redding, CA 96002

Telephone: (530) 229-3979 / Fax: (530) 229-3984

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Bass Mountain Shasta | 468.075 | 463.075 | 4,14 | |
| Beckwourth Peak Plumas | 468.175 | 463.175 | 8,5 | N/A |
| Bloomer Hill Butte | 468.050 | 463.050 | 3,13 | N/A |
| Bloomer Hill Butte | 468.175 | 463.175 | 8,13 | N/A |
| Bloomer Hill Butte | 468.000 | 463.000 | 1,13 | N/A |
| Bunchgrass Shasta | 468.175 | 463.175 | 8,6 | N/A |
| Butte Hall, CSU Butte | 468.075 | 463.075 | 4,13 | N/A |
| Cedarville Modoc | 468.125 | 463.125 | 7,6 | N/A |
| Dyer Mountain Lassen | 468.150 | 463.150 | 7,5 | N/A |
| Flea Mountain Plumas | 468.050 | 463.050 | 3,15 | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Grouse Mountain Modoc | 468.050 | 463.050 | 3,6 | N/A |
| Hamilton Mountain Lassen | 468.025 | 463.025 | 2,6 | N/A |
| Hough Mountain Plumas | 468.125 | 463.125 | 6,5 | N/A |
| Likely Mountain Lassen | 468.125 | 463.125 | 6,6 | N/A |
| Oregon Mountain Trinity | 468.125 | 463.125 | 6,14 | N/A |
| Red Hill Plumas | 468.125 | 463.125 | 6,15 | N/A |
| Shaffer Mountain Lassen | 468.075 | 463.075 | 4,6 | N/A |
| Shasta Bally Shasta | 468.050 | 463.050 | 3,14 | N/A |
| South Fork Mountain Shasta | 468.025 | 463.025 | 2,14 | N/A |
| South Fork Mountain (SHASCOM Disp) Shasta | 467.975 | 462.975 | 10,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Widow Mountain Modoc | 468.100 | 463.100 | 5,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 |
| Dispatch (for each EMS Agency) Northern California EMS Agency | | | | |
| Lassen County Providers – SIFC – PSAP | 154.010 | 154.445 | N/A | P |
| Modoc County Providers Modoc County SO-PSAP | 158.835 | 153.290 | N/A | P |
| Plumas County Providers | | | | |
| Plumas County SO – PSAP (South County) | 153.770 | 154.190 | N/A | P |
| SIFC – PSAP (North County) | 155.085 | 155.085 | N/A | P |
| Sierra County Providers Sierra County SO – PSAP | 156.165 | 156.165 | N/A | P |
| Trinity County Providers – Trinity County SO – PSAP | 158.760 | 154.785 | N/A | P |
| Direct to hospitals – Northern California EMS Agency | | | | |
| Banner Lassen Medical Center | 468.075 | 463.075 | PL4 | P |
| Eastern Plumas Health Care | 468.175 | 463.175 | PL8 | P |
| Modoc Medical Center | 468.050 | 463.050 | PL3 | P |
| Plumas District Hospital | 468.125 | 463.125 | PL6 | P |
| Seneca District Hospital | 468.150 | 463.150 | PL7 | P |
| Surprise Valley Hospital | 468.150 | 463.150 | PL7 | Sec |
| Trinity Hospital | 468.125 | 463.125 | PL6 | P |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Other (e.g. tactical, etc. (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Antelope Mountain Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency | | | | |
| Sierra County Providers | | | | |
| Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Siskiyou County Operational Area

24-Hour Facilities

Siskiyou County Sheriff's Office is the initial POC for all County law enforcement, fire, medical, and OES services

Siskiyou County Sheriff's Office

This center is known by the following call Sign: "SO"

Telephone: (530) 841-2900

CAL FIRE-Siskiyou ECC

This center is known by the following call Sign: "Yreka"

24/7 telephone: (530) 842-3515

Regularly Monitored Channels

Siskiyou County Sheriff's Office

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW 1 | 154.9200 | 154.9200 | |
| Law | CLERS5 | 155.7000 | 154.8150 | 110.9 |

Shared Channel Infrastructure

| VHF High | | | | |
|--------------|------------------------|-------------|------------|----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | Sheriff's Dispatch | 154.7700 | 155.3100 | Various T1-T10 |
| Fire | Siskiyou Fire Dispatch | 156.1050 | 154.2500 | Various T1-T10 |
| Public Works | Public Works | 153.8000 | 154.1000 | Various T1-T5 |

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | 468.050 | 463.050 | 3,3 | N/A |
| | 468.000 | 463.000 | 1,3 | N/A |
| Antelope Mountain Siskiyou | 468.175 | 463.175 | 8,3 | N/A |

| Channel Use | | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|-------------|----------|----------|-------|----------|
| Grey Butte Mountain | Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| Mahogany Peak | Siskiyou | 468.025 | 463.025 | 2,13 | N/A |
| Mt. Bradley | Siskiyou | 468.100 | 463.100 | 5,14 | N/A |
| St. John Mountain | Glenn | 468.000 | 463.000 | 1,6 | N/A |
| Tuscan Butte | Tehama | | | | |
| West Prospect Peak | Shasta | | | | |
| Statewide Medical Coordination | | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency Sierra County Providers Sierra County SO - PSAP | | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency) VHF Med Channel Name | | | | | |
| | Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| | Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| | Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| | Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| | Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Solano County Operational Area

24-Hour Facilities

Solano Dispatch: Public Safety Emergency Services for Law, Fire, EMS, Animal Control, Public Works, Parks

The **Solano County Dispatch Center** is located in downtown Fairfield. The Center dispatches law enforcement and fire and other services for both contracted and unincorporated areas of the county. The Center is staffed 24/7/365.

This dispatch center is known by the following call sign: “**Solano**”
Telephone: (707) 421-7090 (staffed 24/7/365)

Non 24-Hour Facilities

Solano County Office of Emergency Services

The Solano County Office of Emergency Services (OES) is available 24/7/365 via the Solano County Dispatch Center. OES provides Incident Command (IC), Search-And-Rescue (SAR), and other public safety services.

Telephone: (707) 784-1600 (not staffed 24/7)

Regularly Monitored Channels

The following radio channels are monitored 24/7/365 by Solano County Dispatch Center and provide countywide coverage using simulcast transmitters and voting receivers. All channels are full time repeaters (except UCALL40, 7CALL50 and 8CALL90).

| VHF High | | | | |
|----------------|-----------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | SOLANO SO | 155.4900 | 158.7900 | 107.2 |
| Fire | XSO FIRE | 156.0000 | 153.8600 | 107.2 |
| Incident/Event | SECA1 | 155.1300 | 158.9100 | 107.2 |
| Incident/Event | SECA2 | 154.3400 | 156.1950 | 107.2/186.2 |
| Incident/Event | SECA3 | 151.1300 | 159.0150 | 107.2/186.2 |

Solano County Operational Area (Cont'd)

| UHF | | | | |
|----------------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | UCALL40 | 453.2125 | 458.2125 | 156.7 |
| Incident/Event | SECA1 | 483.0875 | 486.0875 | 107.2 |
| Incident/Event | SECA2 | 482.3625 | 485.2625 | 107.2 |

| 700 MHz | | | | |
|---------|---------|-------------|------------|-------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 7CALL50 | 769.24375 | 799.24375 | P25 NAC F7E / 293 |

| 800 MHz | | | | |
|----------------|-----------------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 8CALL90 | 851.0125 | 806.0125 | 156.7 |
| Incident/Event | SECA1 | 858.4625 | 813.4625 | 107.2 |
| Incident/Event | SECA2 South (southwest county) | 858.9375 | 813.9375 | 107.2 |

Shared Channel Infrastructure

The following are mutual aid channels available in Solano County and are controlled by the Solano County Dispatch Center. All channels (except VFIRE21) provide countywide coverage using simulcast transmitters and voting receivers. VFIRE21 simplex coverage centers around the City of Fairfield. All repeaters are in non-repeat mode. Repeat mode, and patching can be accommodated.

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |

Solano County Operational Area (Cont'd)

| UHF | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | UCALL40 | 453.2125 | 458.2125 | 156.7 |
| Tactical | UTAC43 | 453.8625 | 458.8625 | 156.7 |

| 700 MHz | | | | |
|----------|---------|-------------|------------|-------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 7CALL50 | 769.24375 | 799.24375 | P25 NAC F7E / 293 |
| Tactical | 7TAC72 | 773.60625 | 803.60625 | P25 NAC F7E / 293 |

| 800 MHz | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Calling | 8CALL90 | 851.0125 | 806.0125 | 156.7 |
| Tactical | 8TAC91 | 851.5125 | 806.5125 | 156.7 |
| Tactical | 8TAC92 | 852.0125 | 807.0125 | 156.7 |
| Tactical | 8TAC93 | 852.5125 | 807.5125 | 156.7 |
| Tactical | 8TAC94 | 853.0125 | 808.0125 | 156.7 |
| Law | CALAW8 | 853.5125 | 808.5125 | 156.7 |
| Fire | CAFIRE1 | 853.9875 | 808.9875 | 156.7 |

Solano County EMS Agency

335 Tuolumne St., Vallejo, CA 94590

Telephone: (707) 784-8155 / Fax: (707) 421-6618

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/R | N/R | N/R | N/R |
| Statewide Medical Coordination | N/R | N/R | N/R | N/R |
| Calling Channel | N/R | N/R | N/R | N/R |
| Dispatch (for each EMS Agency) | N/R | N/R | N/R | N/R |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|-----------------------------|---------|---------|-------|----------|
| Direct to hospitals | N/R | N/R | N/R | N/R |
| Other (e.g. tactical, etc.) | N/R | N/R | N/R | N/R |

Sonoma County Operational Area

24-Hour Monitoring Facilities

Sonoma County provides 24-hour monitoring of interoperability channels through its Redwood Empire Dispatch Communications Authority (REDCOM) and Sheriff's Department Communications Centers. **REDCOM** is the point of contact for fire and EMS departments throughout the Sonoma County OA. The **Sonoma County Sheriff's Department** is the point of contact for all city and county law enforcement throughout the Sonoma County Operational Area.

Sheriff (Law Enforcement)

This center is known by the following call sign: "**Sonoma Sheriff**"
Telephone: (707) 565-2121

REDCOM (Fire/EMS)

This center is known by the following call sign: "**REDCOM**"
Telephone: (707) 568-5933

CAL FIRE-Sonoma-Lake-Napa ECC

This center is known by the following call sign: "**Saint Helena**"
24/7 Telephone: (707) 963-9636

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|----------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |
| ALL | CESRS | 153.7550 | 154.9800 | 146.2 or 131.8 |

| UHF | | | | |
|---------------------------------------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LE | CALAW4* | 460.0250 | 465.0250 | 127.3 |
| * Only available in/around Santa Rosa | | | | |

Sonoma County Operational Area (Cont'd)

Shared Channel Infrastructure

| VHF High | | | | |
|---------------------------------------|-------------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| ALL | REDCOM | 154.3100 | 159.9150 | 146.2 |
| * | VICTOR-1 | 153.9650 | 153.9650 | 156.7 |
| * | VICTOR-2 | 155.0700 | 155.0700 | 156.7 |
| * | VICTOR-3 | 155.2950 | 155.2950 | 156.7 |
| * | VICTOR-4 | 154.7850 | 154.7850 | 156.7 |
| * | VICTOR-5 | 156.1200 | 156.1200 | 156.7 |
| * | VICTOR-6 /JACKSON | 155.7550 | 159.1500 | 156.7/162.2 |
| * | VICTOR-6 /BODEGA | 155.7550 | 159.1500 | 156.7/103.5 |
| * | VICTOR-6 /RACEWAY | 155.7550 | 159.1500 | 156.7/146.2 |
| * | VICTOR-6 /DIRECT | 155.7550 | 155.3775 | 156.7 |
| ALL | SO10/LAKE | 151.0100 | 156.0975 | 192.8 |
| <i>*Sonoma County Shared Tactical</i> | | | | |

| UHF | | | | |
|------|---------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| ALL | SHERIFF 1 | 453.7250 | 458.7250 | 131.8 |
| ALL | SHERIFF 2 | 453.5750 | 458.5750 | 141.3 |
| ALL | SHERIFF 3 | 453.4000 | 458.4000 | 103.5 |
| ALL | SHERIFF 4 | 453.5500 | 458.5500 | 127.3 |
| ALL | SHERIFF 5 | 453.4750 | 458.4750 | 192.8 |
| ALL | SO6/TCOMM | 453.0250 | 458.0250 | 127.3 |
| | SO8/TAC | 460.2375 | 465.2375 | 127.3 |
| ALL | SO9/SONOMA PD | 460.2750 | 465.2750 | 127.3 |
| ALL | SO10/LAKE | 460.3000 | 465.3000 | 192.8 |
| ALL | COUNTYWIDE 2 | 453.1750 | 458.1750 | 192.8 |

Coastal Valleys EMS Agency

(Napa/Mendocino/Sonoma)

195 Concourse Blvd., Santa Rosa, CA 95403

Telephone: (707) 565-6501 / Fax: (707) 565-6510

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|--------|----------|
| Local Medical Coordination (real time) | | | | |
| MedNet (Napa) | 155.835 | 155.100 | 131.8* | 155.100 |
| Med 1 | 155.100 | 155.100 | N/A | N/A |
| Med 2 | 155.265 | 155.265 | N/A | N/A |
| Med 3 | 468.000 | 463.000 | N/A | N/A |
| Med 4 | 468.025 | 463.025 | N/A | N/A |
| Med 5 | 468.050 | 463.050 | N/A | N/A |
| Med 6 | 468.075 | 463.075 | N/A | N/A |
| Med 7 | 468.100 | 463.100 | N/A | N/A |
| Med 8 | 468.125 | 463.125 | N/A | N/A |
| | 468.150 | 463.150 | N/A | N/A |
| | 468.175 | 463.175 | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | 155.835 | 155.100 | N/A | N/A |
| | 155.265 | 155.265 | N/A | N/A |

Stanislaus County Operational Area

24-Hour Monitoring Facilities

Stanislaus County monitors the channels listed below through **Stanislaus Regional 9-1-1 (SR911)** - a consolidated law enforcement/fire dispatch center and primary PSAP. Where possible, the county has provided primary channels that are constantly monitored. Other channels are monitored as staffing and activity levels allow.

The center (SR911) is known by the following call signs, but recommends communication via cellular telephone when possible:

- **“Modesto PD”** on 800/P25 Trunking law enforcement
- **“Modesto Fire Command 2”** on 800/P25 Trunking and VHF P25. (Patched)
- **“Control”** Sheriff Channels 1 & 2 on 800/P25 Trunking and VHF P25 law enforcement. (Patched)
- **“Stanislaus Fire Command 4”** on 800/P25 Trunking and VHF fire channels. (Patched)

Emergency Telephone: (209) 558-4357

Non-Emergency Telephone: (209) 552-3911

Emergency Services Coordinator: Wendy Silva

Telephone: (209) 552-3903

Regularly Monitored Channels

| VHF High & 800/P25 Trunking | | | | |
|-----------------------------|-----------|-------------|------------|---------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Sheriff Channel 1 | SO Ch 1 | 158.73 | 159.21 | NAC 250 |
| Sheriff Channel 2 | SO CH 2 | 158.8650 | 155.7450 | NAC 246 |
| Fire Command 2 | Command 2 | 154.43 | 154.055 | NAC 122 |
| Fire Command 4 | Command 4 | 155.0850 | 156.0900 | NAC 124 |

| 800 Trunking | | | | |
|--------------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Modesto PD 1 | MPD CH 1 | 800 MHz T/G | | |

Shared Channel Infrastructure

SR911 has a console-based gateway at its Countywide Coordinated Communications Center. This gateway can patch channels which currently exist on the center's console.

| Stan Co. P25 Trunked System | | |
|------------------------------|----------|----------|
| System ID = 1199 (04AF Hex), | | |
| WACN 11,999 (2EDF Hex) | | |
| RFSS ID = 1, Site ID =1 | | |
| Chan Name | Rx Freq | Tx Freq |
| Channel 1 | 851.4000 | 806.4000 |
| Channel 2 | 852.2625 | 807.2625 |
| Channel 3 | 853.0875 | 808.0875 |
| Channel 4 (Control) | 853.4375 | 808.4375 |
| Channel 5 (Control) | 853.7875 | 808.7875 |
| Channel 6 | 852.6750 | 807.6750 |
| Channel 7 | 851.7625 | 806.7625 |

| Police | |
|---------|------------|
| TG Name | Dec/Hex |
| MPD 1 | 21602/5462 |
| MPD 2 | 21603/5463 |
| Sheriff | |
| TG Name | Dec/Hex |
| SO 1 | 21703/54C7 |
| SO 2 | 21704/54C8 |
| Fire | |
| TG Name | Dec/Hex |
| CMND 2 | 21805/552D |
| CMND 4 | 21807/552F |

Note: Trunked controller is programmed -45MHz / 12.5 KHz / 806.0000

Mountain Valley EMS Agency

(Alpine, Amador, Calaveras, Mariposa, Stanislaus)

1101 Standiford Ave #D1, Modesto, CA 95350

Telephone: (209) 529-5085 / Fax: (209) 529-1496

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Alpine | | | | |
| Med 1 | 468.000 | 463.000 | 100.0 | Prim |
| Med 2 | 468.025 | 463.025 | 179.9 | Prim |
| Amador | | | | |
| Med 13 | 458.425 | 453.425 | 100.0 | Prim |
| Med 3 | 468.250 | 463.050 | 167.9 | Alt |
| Med 8 | 468.175 | 463.175 | 100.0 | Alt |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|----------|---------|--------|----------|
| Med 9 | 468.950 | 463.950 | 100.0 | Alt |
| Calaveras | | | | |
| Med 3 | 468.050 | 463.050 | 107.2 | Alt |
| Med 9 | 467.950 | 462.950 | 167.9 | Prim |
| Mariposa | | | | |
| Med 8 | 468.175 | 463.175 | 123.0 | Prim |
| Med 14 | 456.425 | 451.425 | 149.9 | Alt |
| Stanislaus | | | | |
| Med 1 | 468.000 | 463.000 | 179.9 | |
| Med 5 | 468.100 | 463.100 | 179.9 | |
| All Hospitals VHF Med - HEAR | | 155.385 | 88.5 | |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Alpine Medical | | | | |
| Markleeville | 154.100 | 153.800 | 107.2 | Prim |
| Bear Valley | 154.100 | 153.800 | 131.8 | Prim |
| Alpine Fire | | | | |
| Kirkwood-Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Bear Valley-San Andreas | 159.450 | 151.175 | 156.7 | Prim |
| Amador Medical | | | | |
| Med 10 | 467.975 | 462.975 | 100.0 | Prim |
| Med 13 | 458.425 | 453.425 | 100.0 | Alt |
| VHF | 159.225 | 151.190 | 123.0 | Alt |
| Amador Fire | | | | |
| Camino (CDF) | 159.225 | 151.190 | 123.0 | Prim |
| Calaveras Medical | | | | |
| Med 9 | 467.950 | 462.950 | 167.9/ | Prim |
| Calaveras Fire | 151.175 | 151.175 | 103.5 | |
| San Andreas (CDF) | 159.450 | 151.175 | 110.9 | Prim |
| Mariposa Medical | | | | |
| Mariposa CDF | 151.460 | 159.390 | 146.2 | Prim |
| Mariposa CDF-Med 14 | 451.425 | 451.425 | 179.9 | Alt |
| Stanislaus Medical | | | | |
| AMR | 151.5725 | 160.055 | 1110.9 | Prim |
| | 155.295 | 155.295 | 88.5 | Alt |
| Stanislaus Fire | | | | |
| Modesto City | 154.145 | 155.940 | 123.0 | |
| Stanislaus County Fire | 153.770 | 153.770 | 123.0 | Duplex |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|-----------------------------|---------|---------|-------|----------|
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | N/A | N/A | N/A | N/A |

Sutter County Operational Area

24-Hour Monitoring Facilities

Sutter County Dispatch

Sutter County provides 24-hour monitoring of interoperability and mutual aid channels through its **communications center** located at and staffed by the Sutter County Sheriff's Department. This center is the point of contact for all county law enforcement, fire, emergency services, and public works throughout the Sutter County OA.

This center is known by the following call sign: **"Sutter County"**

24/7 Telephone: (530) 822-7307

Fax: (530) 822-7318

OASIS: 3-6201

CLETS Mnemonic: YCS0

NLETS ORI: CA0510000

Mobile Command Post Main Cellular: (530) 218-9093

Mobile Command Post Sat Phone: 1-800-337-5151

Yuba City Dispatch

Yuba City is an incorporated city within the Sutter County OA.

Yuba City provides 24-hour monitoring of interoperability and mutual aid channels through its **communications center** located at and staffed by the Yuba City Police Department. This center is the point of contact for all city law enforcement, fire, emergency services, and public works within the incorporated areas of the city.

This center is known by the following call signs: **"Yuba City"** or **"City Dispatch"**

24/7 Telephone: (530) 822-4661

Fax: (530) 822-4799

"Situation Room" Sat Phone: 1-877-884-0957

CLETS Mnemonic: YCM0

NLETS ORI: CA0510200

Emergency Services Coordinator

Zachary Hamill

Telephone: (530) 822-4575

Sutter County Operational Area (Cont'd)

Sutter Co Sheriff Communications Manager

Tabatha Lopez

(530) 822-2206

Tlopez@co.sutter.ca.us

Yuba City Police Communications Coordinator

Tawnya Smallwood

(530) 822-4797

Tsmallwo@yubacity.net

Regularly Monitored Channels

Sutter County Dispatch

| VHF High | | | | |
|--|----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW1 | 154.9200 | 154.9200 | 156.7 |
| FIRE | VFIRE21 ¹ | 154.2800 | 154.2800 | 156.7 |
| Tactical | CALCORD ¹ | 156.0750 | RX ONLY | 156.7 |
| Tactical | VCALL10 ¹ | 155.7525 | 155.7525 | 156.7 |
| Tactical | VTAC11 ¹ | 151.1375 | 151.1375 | 156.7 |
| Tactical | VTAC14 ¹ | 159.4725 | 159.4725 | 156.7 |
| ¹ This channel is not always enabled. It is included in a multi-frequency radio and must be "selected" to enable the channel. | | | | |

Sutter County Operational Area (Cont'd)

| UHF | | | | |
|--|------------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CLERS 7 "Law Net" | 453.8750 | 458.8750 | 110.9 |
| LAW | CALAW4 SUTR | 460.0250 | 460.0250 | 156.7 |
| LAW | CALAW4D | 460.0250 | 465.0250 | 156.7 |
| EMS | MED 9 SUTR | 462.9500 | 467.9500 | 210.7 |
| Calling | UCALL40 D ¹ | 453.2125 | 453.2125 | 156.7 |
| Tactical | UTAC41 ¹ | 453.4625 | 458.4625 | 156.7 |
| Tactical | UTAC41D ¹ | 453.4625 | 453.4625 | 156.7 |
| Tactical | UTAC42D ¹ | 453.7125 | 453.7125 | 156.7 |
| Tactical | UTAC43D ¹ | 453.8625 | 453.8625 | 156.7 |
| ¹ These channels are not always enabled. They are included in a multi-frequency radio and must be "selected" to enable the channel. | | | | |

Regularly Monitored Channels**Yuba City Dispatch**

| VHF Low | | | | |
|---|--------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | LLAW1 ¹ | 39.4600 | 45.8600 | 156.7 |
| ¹ Channel normally "disabled". Must be "enabled" by request. Activating this channel enables a high-level repeater on the Sutter Buttes. This resource can also be temporarily tied into a fixed gateway cross-connect system. | | | | |

Sutter County Operational Area (Cont'd)

| VHF High | | | | |
|--|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW1 | 154.9200 | 154.9200 | NONE |
| FIRE | VFIRE21 | 154.2800 | 154.2800 | NONE |
| Tactical | VTAC11 ¹ | 151.1375 | 151.1375 | 156.7 |
| Tactical | VTAC14 ¹ | 159.4725 | 159.4725 | 156.7 |
| ¹ Channel normally "disabled". Must be "enabled" by request. Activating this channel enables a high-level remote base on the Sutter Buttes. This resource can also be temporarily tied into a fixed gateway cross-connect system. | | | | |

| UHF | | | | |
|---|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CLERS 7 | 453.8750 | 458.8750 | 110.9 |
| LAW | CALAW4 SUTR | 460.0250 | 460.0250 | 156.7 |
| LAW | CALAW4D | 460.0250 | 465.0250 | 156.7 |
| Tactical | UTAC41 ¹ | 453.4625 | 458.4625 | 156.7 |
| ¹ Channel normally "disabled". Must be "enabled" by request. Activating this channel enables a high-level repeater on the Sutter Buttes. This resource can also be temporarily tied into a fixed gateway cross-connect system. | | | | |

| 800 MHz | | | | |
|--|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW8 ¹ | 853.5125 | 808.5125 | 156.7 |
| Tactical | 8TAC93 ¹ | 852.5125 | 807.5125 | 156.7 |
| ¹ This repeater is normally "disabled". Must be "enabled" by request. Activating this channel enables a high-level repeater on the Sutter Buttes. This resource can also be temporarily tied into a fixed gateway cross-connect system. | | | | |

Sutter County Operational Area (Cont'd)**Shared Channel Infrastructure****Shared Channels**

In addition to local agency shared conventional channel plans, Sutter County Operational Area law enforcement (UHF) and fire (VHF) radios are programmed to include standard statewide and National Interoperability channels and are using common CALSIEC/NPSTC designators as defined in this IFOG. Contact COML for ICS217A with local frequency info.

Gateway Infrastructure

The Sutter County Sheriff's Office maintains a mobile command vehicle with a Raytheon JPS TRP-1000 gateway. This gateway device can cross-connect multiple VHF high-band, VHF low-band, UHF, and 700/800 MHz radios. These radios contain all local, state, national and federal interoperability channels as well as many surrounding OA local frequencies.

The Sutter Co. Sheriff's Office and Yuba City Police Department together share a Raytheon JPS ACU-2000 IP gateway device. This fixed gateway is a high-level system co-located with several mutual aid interoperability repeaters and remote base stations. This gateway is configured as a hard-wired, cross-connect controller between the frequencies specified above and can be enabled and disabled from either the SCSO or YCPD Dispatch Centers. It can also be remotely controlled in the field over the air using Dual-Tone Multi-Frequency (DTMF) commands. This gateway is located on top of the Sutter Buttes mountain range and provides wide-area regional communications and interoperability capabilities.

The repeaters and remote base stations interfaced with this device will also operate as stand-alone resources independent of any cross-connect capabilities.

Main Countywide Radio Channels

Contact COML for ICS217A with countywide primary and tactical channels:

Deputy Bill Corey (530) 822-7307 24/7 / (530) 682-8899 cell

Sutter County Operational Area (Cont'd)

Radio Caches

| Caches | | | | |
|--------|--------------------------------------|--------------------|-----|--------------------------|
| Band | Cache Name | Make/Model | QTY | Owner Agency |
| UHF | Sutter County OEM UHF Cache | Motorola HT1550 | 12 | Sutter County OEM |
| VHF | Sutter County OEM VHF Cache | Motorola HT1550 | 12 | Sutter County OEM |
| UHF | Sutter County Sheriff (MCP Cache) | Motorola HT1250 | 10 | Sutter County Sheriff |

Gateways

| Gateways | | | | |
|----------------|---------------------------------------|---|----------------|--------------------------------------|
| Type/Use | GW Name | Make/Model | Ports/ Nets | Owner Agency |
| Incident/Event | Sutter Buttes Gateway System | Raytheon JPS Communications /ACU-2000IP | 24/7 | Yuba City Police Department |
| Incident/Event | Sutter County ACU-M | Raytheon JPS Communications /ACU-M | 4/2 | Sutter County Sheriff's Office |
| Incident/Event | Sutter County TRP-1000 | Raytheon JPS Communications /TRP-1000 | 12/7 | Sutter County Sheriff's Office |

MCUs/MCVs

| MCUs/MCVs | | | | |
|---------------|-------------------|--------------|--|--------------------------|
| Name | Transport Mode | FEMA Type | Comms Capabilities | Owner Agency |
| Sutter MCP | 40' Box Truck | II | VHF-LB,VHF- HB,UHF,800 ACU1000 w/ gateway specialist | Sutter County Sheriff |

Sutter County Operational Area (Cont'd)**Communications Unit Leaders**

| COML | | | | |
|------------|-----------------------|---------------------------------------|--|--|
| Name | Agency | Address | Phone | Email |
| Bill Corey | Sutter County Sheriff | 1077 Civic Center Blvd, Yuba City, CA | 24/7: (530) 822-7307 Cell: (530) 682-8899 | wcorey@co.sutter.ca.us |

NOTE: The Standard Operating Procedures for the Sutter Buttes Gateway System are available upon request. Please contact the Operational Area COML.

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)
5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Antelope Mountain Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency | | | | |
| Sierra County Providers | | | | |
| Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency)) | 155.3400 | 155.3400 | N/A | N/A |
| | 155.3250 | 155.3250 | N/A | N/A |
| VHF Med Channel Name | 155.3550 | 155.3550 | N/A | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|-------------|----------|----------|-------|----------|
| Med Alpha | 155.3850 | 155.3850 | N/A | N/A |
| Med Bravo | 155.4000 | 155.4000 | N/A | N/A |
| Med Charlie | | | | |
| Med Delta | | | | |
| Med Echo | | | | |

Tehama County Operational Area

24-Hour Monitoring Facilities

Tehama County Sheriff's Office

Tehama County Sheriff's Office is the initial POC for all County law enforcement, fire, medical, and OES services

Telephone: (530) 529-7900 (Ext 1 for dispatch)

CAL FIRE-Tehama-Glenn ECC

This center is known by the following call sign: "Red Bluff"

24/7 Telephone: (530) 527-2241

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW 1 | 154.9200 | 154.9200 | 156.7 |
| LAW | TCSO CH 1 | 154.7400 | 155.7300 | 74.4 |
| LAW | TCSO CH 2 | 154.0250 | 155.8650 | 100.0 |
| LAW | Red Bluff Police | 155.6850 | 158.9100 | 141.3 |
| LAW | CORNING PD | 155.1900 | 159.2100 | 100.0 |
| LAW | LE NET | 172.5125 | 164.3625 | 146.2 |
| LAW | LASSEN NP (TURNER) | 172.4375 | 166.3375 | 110.9 |
| PW | County Public Works | 151.0100 | 156.1200 | 114.8 |

Shared Channel Infrastructure

| VHF Low | | | | |
|---------|------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CHP | 42.400 | 42.280 | 107.2 |

| VHF High | | | | |
|----------|---------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | Fire Dispatch | 151.3700 | 159.2850 | 110.9 |

Tehama County Operational Area (Cont'd)

Shared Channels

In addition to local agency shared conventional channel plans, Tehama County Operational Area law enforcement (VHF) and fire (VHF) radios are programed to include standard statewide and National Interoperability channels and are using common CALSIEC/NPSTC designators as defined in this IFOG.

Gateway Infrastructure

The Tehama County Sheriff's Office maintains a mobile Command Van with a JS 23412 gateway. This gateway device can cross-connect multiple VHF high-band, VHF low-band, UHF, and 800 MHz radios. These radios contain all local, state, national and federal interoperability channels as well as many surrounding OA local frequencies.

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Antelope Mountain Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency | | | | |
| Sierra County Providers Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc.) | 155.3400 | 155.3400 | N/A | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|-------------------------------|----------|----------|-------|----------|
| (varied by each local agency) | 155.3250 | 155.3250 | N/A | N/A |
| VHF Med Channel Name | 155.3550 | 155.3550 | N/A | N/A |
| Med Alpha | 155.3850 | 155.3850 | N/A | N/A |
| Med Bravo | 155.4000 | 155.4000 | N/A | N/A |
| Med Charlie | | | | |
| Med Delta | | | | |
| Med Echo | | | | |

Trinity County Operational Area

24-Hour Facilities

CAL FIRE-Shasta-Trinity ECC

This center is known by the following call sign: “**REDDING**”

24/7 Telephone: (530) 225-2411

Emergency Line: (530) 243-1434

Emergency Services Coordinator/OES Director

Elizabeth Hamilton

Office Telephone: (530) 623-1265

Direct Telephone: (530) 623-8275

OES Manager

Philip Simi

Office Telephone: (530) 623-1116

Regularly Monitored Channels

| VHF High | | | | |
|----------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | TCSO | 154.8600 | 159.2100 | 127.3 |
| Fire | FireNet | 154.7850 | 158.7600 | 114.8 |

Shared Channel Infrastructure

The Shared Channel Infrastructure for Trinity County has no information available to provide as the Trinity Co. Sheriff's Office does not currently share with any other agencies.

Northern California EMS Agency

(Lassen, Modoc, Plumas, Sierra, Trinity)

930 Executive Way, Suite 150, Redding, CA 96002

Telephone: (530) 229-3979 / Fax: (530) 229-3984

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Bass Mountain Shasta | 468.075 | 463.075 | 4,14 | |
| Beckwourth Peak Plumas | 468.175 | 463.175 | 8,5 | N/A |
| Bloomer Hill Butte | 468.050 | 463.050 | 3,13 | N/A |
| Bloomer Hill Butte | 468.175 | 463.175 | 8,13 | N/A |
| Bloomer Hill Butte | 468.000 | 463.000 | 1,13 | N/A |
| Bunchgrass Shasta | 468.175 | 463.175 | 8,6 | N/A |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|----------|
| Butte Hall, CSU Butte | 468.075 | 463.075 | 4,13 | N/A |
| Cedarville Modoc | 468.125 | 463.125 | 7,6 | N/A |
| Dyer Mountain Lassen | 468.150 | 463.150 | 7,5 | N/A |
| Flea Mountain Plumas | 468.050 | 463.050 | 3,15 | N/A |
| Grouse Mountain Modoc | 468.050 | 463.050 | 3,6 | N/A |
| Hamilton Mountain Lassen | 468.025 | 463.025 | 2,6 | N/A |
| Hough Mountain Plumas | 468.125 | 463.125 | 6,5 | N/A |
| Likely Mountain Lassen | 468.125 | 463.125 | 6,6 | N/A |
| Oregon Mountain Trinity | 468.125 | 463.125 | 6,14 | N/A |
| Red Hill Plumas | 468.125 | 463.125 | 6,15 | N/A |
| Shaffer Mountain Lassen | 468.075 | 463.075 | 4,6 | N/A |
| Shasta Bally Shasta | 468.050 | 463.050 | 3,14 | N/A |
| South Fork Mountain Shasta | 468.025 | 463.025 | 2,14 | N/A |
| South Fork Mountain (SHASCOM Disp) Shasta | 467.975 | 462.975 | 10,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Widow Mountain Modoc | 468.100 | 463.100 | 5,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | | 0 | 0 | 0 |
| Dispatch (for each EMS Agency) Northern California EMS Agency | | | | |
| Lassen County Providers – SIFC – PSAP | 154.010 | 154.445 | N/A | P |
| Modoc County Providers Modoc County SO-PSAP | 158.835 | 153.290 | N/A | P |
| Plumas County Providers | | | | |
| Plumas County SO – PSAP (South County) | 153.770 | 154.190 | N/A | P |
| SIFC – PSAP (North County) | 155.085 | 155.085 | N/A | P |
| Sierra County Providers Sierra County SO – PSAP | 156.165 | 156.165 | N/A | P |
| Trinity County Providers – Trinity County SO – PSAP | 158.760 | 154.785 | N/A | P |
| Direct to hospitals – Northern California EMS Agency | | | | |
| Banner Lassen Medical Center | 468.075 | 463.075 | PL4 | P |
| Eastern Plumas Health Care | 468.175 | 463.175 | PL8 | P |

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Modoc Medical Center | 468.050 | 463.050 | PL3 | P |
| Plumas District Hospital | 468.125 | 463.125 | PL6 | P |
| Seneca District Hospital | 468.150 | 463.150 | PL7 | P |
| Surprise Valley Hospital | 468.150 | 463.150 | PL7 | Sec |
| Trinity Hospital | 468.125 | 463.125 | PL6 | P |
| Other (e.g. tactical, etc. (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Tulare County Operational Area

24-Hour Monitoring Facilities

Tulare County operates on four (4) local 24-hour emergency dispatch radio channels. The Sheriff's and Fire dispatch centers are located in the city of Visalia and operate voice radio countywide on all local channels.

Tulare County Sheriff's Dispatch (TCSO)

This center is known by the following call sign: "**Visalia**"

Telephone: (559) 733-6218

Tulare County Fire ECC- Op Area Coordinator

This center is known by the following call sign: "**FIRECOMM**"-

24/7 telephone: (559) 733-6544

CAL FIRE-Tulare (TUU) ECC

This center is known by the following call sign: "**Visalia**"

24/7 Telephone: (559) 636-4172

Emergency Services Coordinator

Tulare County Office of Emergency Services

Business Hours: (559) 624-7495

24-Hour Duty Officer: (559) 624-7499

Regularly Monitored Channels

| VHF High | | | | |
|--|---------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | TLC1 Dispatch | 154.0100 | 155.8950 | 131.8 |
| Fire | TLC2 Command | 153.9050 | 158.9250 | 131.8 |
| Fire | TLC3 Command | 153.8300 | 153.8300 | 131.8 |
| Fire | TLC4 Command | 153.8300 | 153.8300 | 131.8 |
| Fire | VFIRE21 | 154.1000 | 158.7600 | 131.8 |
| <i>Note: State VFIRE21 is only monitored by "Firecomm" on an as-needed basis, i.e. with prior phone or radio coordination.</i> | | | | |

Tulare County Operational Area (Cont'd)

| UHF | | | | |
|--|-------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | CALAW | 460.0250 | 465.0250 | 131.8 |
| Law | CALAW 5 DIRECT | 460.0250 | 460.0250 | None |
| <i>Note: CALAW is only monitored by sheriff dispatch ("Visalia") on an as-needed basis, i.e. with prior phone or radio coordination.</i> | | | | |

Shared Channel Infrastructure

Tulare County operates under MOUs authorizing county public safety agencies to operate on all other agency's radio frequencies, including individual city agencies within the county. The county's 24-hour dispatch centers, "FIRECOMM" and "Visalia", maintain dispatch consoles to interface with an assortment of local radio channels/frequencies.

For contingency purposes, the county has the Unified Command Bus, a 'gateway switch' that can provide radio patching, and cell phone patching into radio networks.

CALAW

Eligibility: All law enforcement agencies, including certain special districts, public educational institutions, federal law enforcement agencies, and other public entities.

The California Law Enforcement Mutual Aid Radio System (CALAW) is designed for necessary day-to-day operations, provided such use does not interfere with a higher priority need in the area. The National Law Enforcement Mutual Aid Radio System (VLAW31 formerly called NALEMARS) is one of the channels included within the CALAW pool of frequencies, allowing for communication with similarly equipped units from agencies in other parts of the United States.

Tulare County Operational Area (Cont'd)

Law Enforcement agencies must inform other area (line-of-sight) user agencies when they are involved in high priority usage of CALAW channels. Such notification should be via several of these four forms:

- A broadcast should be made on CALAW.
- A CLETS message to adjoining CALAW users. Agencies may wish to utilize the California Law Enforcement Telecommunications System (CLETS) "User Group Notification" feature.
- California Law Enforcement Radio System (CLERS) notification (via point-to-point radio system).
- Telephone calls to area frequent users.

CALAW9 and 9D: Due to special license restrictions, this channel is available only to Law Enforcement agencies located north of (and including) the counties of Monterey, Kings, Tulare, and Inyo.

CALAW5D: Due to special license restrictions, this simplex channel is available only to Law Enforcement agencies with base stations located within 50 miles of Los Angeles City Hall (mobiles and portables within 80 miles).

Central California EMS Agency

(Fresno, Kings, Madera, Tulare)

PO Box 11867, Fresno, CA 93775

Telephone: (559) 600-3387 / Fax: (559) 600-7691

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordinator(real time) | | | | |
| Med 1 | 468.00 | 463.00 | 114.8 | N/A |
| Med 2 | 468.025 | 463.025 | 114.8 | N/A |
| Med 3 | 468.050 | 463.050 | 114.8 | N/A |
| Med 4 | 468.075 | 463.075 | 179.9 | N/A |
| Med 5 | 468.100 | 463.100 | 179.9 | N/A |
| Med 6 | 468.125 | 463.125 | 179.9 | N/A |
| Med 7 q | 468.150 | 463.150 | 179.9 | N/A |
| Med 8 | 468.175 | 463.175 | 114.8 | N/A |
| Med 9 | 467.950 | 462.950 | 141.3 | N/A |
| Med 10 | 467.975 | 462.975 | 114.8 | N/A |

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|----------|-------|----------|
| Med 11 | 458.300 | 453.300 | 156.7 | N/A |
| Med 12 | 458.325 | 453.325 | 156.7 | N/A |
| Med 13 | 458.1875 | 458.1875 | 156.7 | N/A |
| Med 14 | 456.425 | 451.425 | 114.8 | N/A |
| Med 15 | 466.575 | 461.575 | 114.8 | N/A |
| Med 16 | 468.625 | 463.625 | 156.7 | N/A |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Hanford City Fire | 465.575 | 460.575 | 146.2 | N/A |
| Kings County Fire | 465.625 | 460.600 | 146.2 | N/A |
| Fresno City Fire | | 153.845 | 173.8 | N/A |
| Clovis City Fire | | 154.235 | 103.5 | N/A |
| Fresno County Fire | | 153.890 | None | N/A |
| NCFPD | | 154.190 | 100.0 | N/A |
| Fire White Net 1 | | 154.280 | None | N/A |
| HEAR | | 155.340 | None | N/A |
| Madera County Fire | | 151.460 | None | N/A |
| Tulare City Fire | 155.055 | 154.335 | 162.2 | N/A |
| Visalia City Fire | 155.055 | 154.325 | 131.8 | N/A |
| Portville City Fire | 155.085 | 156.000 | 123.0 | N/A |
| Tulare County Fire | 155.895 | 154.010 | 131.8 | N/A |
| Dinuba City Fire | 156.075 | 154.085 | 146.2 | N/A |
| Direct to hospitals | N/A | N/A | N/A | N/A |
| Other (e.g. tactical, etc.) | | | | |
| CALCORD | 156.075 | 156.075 | 156.7 | N/A |

Tuolumne County Operational Area

24-Hour Facilities

Emergency Coordinator

Telephone: (209) 533-5815

CAL FIRE-Tuolumne-Calaveras ECC

This center is known by the following call sign: **"San Andreas"**

24/7 Telephone: (209) 754-1187

Regularly Monitored Channels

Channels Monitored 24/7 at the Public Safety Answering Point (PSAP)

| VHF Low | | | | |
|--------------------------------------|------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Mutual Aid Tri County of Tuolumne | | 45.54 | 45.54 | 192.8 |

| VHF High | | | | |
|---------------------|------------------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law (Mutual Aid) | CALAW 1 | 154.9200 | 154.9200 | CSQ |
| Law | Ch 1 West Sonora Peak | 152.7200 | 157.9800 | 162.2/103.5 |
| Law | Ch 1 Duckwall Mountain | 152.7200 | 157.9800 | 162.2/179.9 |
| Law | Ch 1 Moccasin Peak | 152.7200 | 157.9800 | 162.2/203.5 |
| Law | Ch 1 Strawberry Peak | 152.7200 | 157.9800 | 162.2/173.3 |
| Law | Ch 1 Double Dome | 152.7200 | 157.9800 | 162.2/146.2 |
| Law | Ch2 West Sonora Peak | 152.6300 | 157.8900 | 162.2/103.5 |
| Law | Ch 2 Duckwall Mountain | 152.6300 | 157.8900 | 162.2/179.9 |
| Law | Ch 2 Moccasin Peak | 152.6300 | 157.8900 | 162.2/203.5 |

Shared Channel Infrastructure

No data currently available

Tuolumne County EMS Agency

20111 Cedar Road North, Sonora, CA 95370,
Telephone: (209) 533-7460 / Fax: (209) 533-7406

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------------------------|----------------------------|-------------------------|-----------------------|
| Local Medical Coordination (real time) | N/A | N/A | N/A | N/A |
| Statewide Medical Coordination | 155.295 | 155.295 | N/A | N/A |
| Calling Channel Telegraph Hill | 155.295 | 155.295 | 110.9 | Primary |
| Dispatch (for each EMS Agency) Telegraph Hill Duckwall Mountain Burnout Ridge | 462.25 462.25 462.25 | 467.25 467.25 467.25 | 162.2 146.2 210.7 | Primary Alt Alt |
| Direct to hospitals Telegraph Hill Duckwall Mountain | 462.400 462.400 | 467.400 467.400 | 162.2 146.2 | Primary Alt |
| Other (TC Public Health) Duckwall Mountain | 453.100 | 458.100 | 146.2 | Primary |

Ventura County Operational Area**24-Hour Monitoring Facilities****Law Enforcement (Sheriff)**

24/7 Telephone: (805) 654-9511

County Fire/EMS

24/7 Telephone: (805) 388-4279

Regularly Monitored Channels

Fire/EMS regularly monitors the following channels:

| VHF High | | | | |
|--------------------------|-----------------------|-------------|------------|-----------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | VFIRE21 | 154.2800 | 154.2800 | 156.7 |
| Cal Dept. of Forestry | CAL FIRE Command-1 | 151.3550 | 159.3000 | 103.5/MPL |

Law enforcement does not regularly monitor statewide channels.

Shared Channel Infrastructure

All County-owned radios with more than 16 channel capability are required by policy to be programmed with the County-Wide SEMS Frequency Plan. This plan requires that 11 County-licensed frequencies for use in a catastrophic disaster, and one State frequency (CALCORD) be programmed into every radio. All County jurisdictions have been invited to participate in this program.

Ventura County Operational Area (Cont'd)

| County of Ventura Standardized Emergency Management System (SEMS) Program | | | | | |
|---|---------|----------|----------|----------|----------|
| Channel | Alias | Rx | Rx CTCSS | Tx | Tx CTCSS |
| SEMS 1 | SEMS 1 | 151.1300 | 151.4 | 158.7900 | 151.4 |
| SEMS 2 | SEMS 2 | 156.1500 | 123.0 | 153.9950 | 123.0 |
| SEMS 3 | SEMS 3 | 155.0550 | 82.5 | 155.0550 | 82.5 |
| SEMS 4 | SEMS 4 | 158.7300 | 100.0 | 158.7300 | 100.0 |
| SEMS 5 | SEMS 5 | 155.5350 | 107.2 | 155.7600 | 107.2 |
| SEMS 6 | SEMS 6 | 154.3250 | 79.7 | 155.8350 | 79.7 |
| SEMS 7 | SEMS 7 | 155.2050 | 103.5 | 155.2050 | 103.5 |
| SEMS 8 | SEMS 8 | 155.1600 | CSQ | 155.1600 | 100.0 |
| SEMS 9 | SEMS 9 | 156.0150 | 100.0 | 156.0150 | 100.0 |
| SEMS10 | SEMS 10 | 153.8450 | CSQ | 158.9400 | 118.8 |
| SEMS11 | SEMS 11 | 151.0250 | 141.3 | 156.2400 | 141.3 |
| SEMS12 | SEMS 12 | 156.0750 | CSQ | 156.0750 | CSQ |

The Ventura County Sheriff's Department and Ventura County Fire Department both maintain a console-based gateway at each individual Communications Center. This gateway can patch any of the Counties working channels to any other shared channels on an as needed basis.

Ventura County Operational Area (Cont'd)**Ventura County EMS Agency**

2220 E. Gonzales Rd., Ste. 200, Oxnard, CA 93036-0619

Telephone: (805) 981-5305 / Fax: (805) 981-5300

| Channel Use | TX Freq | RX Freq | CTCSS | Prim/Alt |
|--|---------|---------|-------|-----------|
| Local Medical Coordination (real time) | 155.205 | 155.205 | 103.5 | Alternate |
| Cellular Phone | N/A | N/A | N/A | Primary |
| Statewide Medical Coordination | N/A | N/A | N/A | N/A |
| Calling Channel | N/A | N/A | N/A | N/A |
| Dispatch (for each EMS Agency) | | | | |
| Ventura County Fire | 155.055 | 155.055 | 82.5 | Primary |
| Direct to hospitals | | | | |
| Cellular Phone – Primary Radio Frequency for Emergency Use | 155.055 | 155.055 | 82.5 | Alternate |
| Other (e.g. tactical, etc.)] | | | | |
| 12 Designated SEMS channels for disasters | N/A | N/A | N/A | N/A |

*These frequencies are composed of the departmental frequencies of 12 County Departments.

Yolo County Operational Area

24-Hour Monitoring Facilities

Emergency Operations Center

Telephone: (530) 406-4977

24/7 Telephone: (530) 867-3025

Yolo County has three PSAPs. Yolo Emergency Communications Agency (YECA) has both VHF conventional and 800 MHz trunked radio frequencies, and Davis and the University of California at Davis (UCD) use 800 MHz frequencies.

This plan applies to YECA only.

Emergency Services Coordinator

Dana Carey, Office of Emergency Services

Phone Number: (530) 406-4933

Regularly Monitored Channels

| VHF High | | | | |
|----------|-------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| FIRE | Green Fire | 154.4450 | 159.5250 | 141.3 |
| FIRE | Gold Fire | 160.0650 | 159.4950 | 141.3 |
| FIRE | YSO Primary | 154.8000 | 155.8500 | 141.3 |
| FIRE | WDP Primary | 155.0550 | 154.7700 | 141.3 |

| 800 MHz | | | | |
|---------|-----------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| FIRE | WSP (SRRCS) | Trunked 800 | | |
| FIRE | WSF DSP (SRRCS) | Trunked 800 | | |
| FIRE | UCD Dispatch | Trunked 800 | | |

Shared Channel Infrastructure

| VHF High | | | | |
|----------|------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Multi | YOL8 | 859.9375 | 814.9375 | 156.7 |

Yolo County Operational Area (Cont'd)

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Local Medical Coordination (real time) | | | | |
| Antelope Mountain Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | 0 | 0 | 0 | N/A |
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency | | | | |
| Sierra County Providers Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc.) (varied by each local agency) | | | | |
| VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Yolo County Operational Area (Cont'd)

Yolo County EMS Agency (YEMSA)

137 N Cottonwood Street, Woodland, CA 95695

Telephone: 530-666-8671 / Fax: 530-666-3984

| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|---------|---------|-------|----------|
| Local Medical Coordination (real time) | N/R | N/R | N/R | N/R |
| Statewide Medical Coordination | N/R | N/R | N/R | N/R |
| Calling Channel | N/R | N/R | N/R | N/R |
| Dispatch (for each EMS Agency) | N/R | N/R | N/R | N/R |
| Direct to hospitals | N/R | N/R | N/R | N/R |
| Other (e.g. tactical, etc.) | N/R | N/R | N/R | N/R |

Yuba County Operational Area

24-Hour Facilities

Office of Emergency Services

Business hours: (530) 749-7520

Telephone: (530) 749-7777

Fire Coordinator

Business hours: (530) 743-1553

After hours: (530) 749-7777

Sheriff

Telephone: (530) 749-7777

Grass Valley Interagency Command Center

This center is known by the following call sign: “**Grass Valley**”

Regularly Monitored Channels

Yuba County Dispatch Center

VHF Low

| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
|------|----------|-------------|------------|-------|
| FIRE | PSAP NET | 46.1600 | 46.4600 | Multi |

This resource is used as a dispatch-to-dispatch channel between specified fire dispatch centers and surrounding agency ECCs in the event of a phone line failure.

VHF High

| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
|------|----------------------|-------------|------------|-------|
| LAW | CALAW 1 | 154.9100 | 154.9100 | CSQ |
| FIRE | VFIRE 1 ¹ | 154.2800 | 154.2800 | CSQ |

¹ *This channel is not always enabled. It is included in a multi-frequency radio and must be “selected” to enable the channel.*

Yuba County Operational Area (Cont'd)

| UHF | | | | |
|--|------------------------|-------------|------------|------------------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CLERS 7 | 453.8750 | 458.8750 | 110.9 |
| LAW | CALAW 4 | 460.0250 | 460.0250 | None |
| LAW | CALAW 5 ¹ | 460.0250 | 465.0250 | 179.9 Tx / 156.7 Rx |
| EMS | MED 9 ¹ | 462.9500 | 467.9500 | 210.7 |
| Calling | UCALL40 D ¹ | 453.2125 | 453.2125 | 156.7 |
| Tactical | UTAC41 ¹ | 453.4625 | 458.4625 | 156.7 |
| Tactical | UTAC41D ¹ | 453.4625 | 453.4625 | 156.7 |
| ¹ These channels are not always enabled. They are included in a multi-frequency radio and must be "selected" to enable the channel. | | | | |

City of Marysville Dispatch Center

| VHF Low | | | | |
|---|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| FIRE | PSAP NET | 46.1600 | 46.4600 | Multi |
| <i>This resource is used as a dispatch-to-dispatch channel between specified fire dispatch centers and surrounding agency ECC's in the event of a phone line failure.</i> | | | | |

| VHF High | | | | |
|--|----------------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CALAW 1 | 154.9200 | 154.9200 | None |
| FIRE | VFIRE 1 ¹ | 154.2800 | 154.2800 | None |
| ¹ This channel is not always enabled. It is included in a multi-frequency radio and must be "selected" to enable the channel. | | | | |

Yuba County Operational Area (Cont'd)

| UHF | | | | |
|------|---------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| LAW | CLERS 7 | 453.8750 | 458.8750 | 110.9 |
| LAW | CALAW 4 | 460.0250 | 460.0250 | None |
| LAW | CALAW 5 | 460.0250 | 460.0250 | 173.8 |

Shared Channel Infrastructure

Yuba County first responder radios include surrounding agencies' conventional frequencies for interoperability between local agencies, and also include statewide interoperability frequencies.

Yuba County maintains a Raytheon ACU-M and ACU-2000 portable gateway solutions, available for deployment within the OA and regionally. These portable gateways include portable antennas and various interface cables for most Motorola, Kenwood and Bendix King, common model portable radios. The ACU-2000 is rack mounted in an extreme duty Hardigg military type case for ease of mobility, with an uninterrupted power supply and a 2000 watt Honda generator for power supply in remote locations or during periods of unavailable continuous power.

Sierra-Sacramento Valley EMS Agency

(Glenn, Nevada, Placer, Siskiyou, Sutter, Tehama, Yolo, Yuba)

5995 Pacific St., Rocklin, CA 95677

Telephone: (916) 625-1702 / Fax: (916) 625-1730

| Channel Use | | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|---|----------|---------|---------|-------|----------|
| Local Medical Coordination (real time) | | | | | |
| Antelope Mountain | Siskiyou | 468.050 | 463.050 | 3,3 | N/A |
| Grey Butte Mountain | Siskiyou | 468.000 | 463.000 | 1,3 | N/A |
| Mahogany Peak | Siskiyou | 468.175 | 463.175 | 8,3 | N/A |
| Mt. Bradley | Siskiyou | 468.150 | 463.150 | 7,3 | N/A |
| St. John Mountain | Glenn | 468.025 | 463.025 | 2,13 | N/A |
| Tuscan Butte | Tehama | 468.100 | 463.100 | 5,14 | N/A |
| West Prospect Peak | Shasta | 468.000 | 463.000 | 1,6 | N/A |
| Statewide Medical Coordination | | 0 | 0 | 0 | N/A |

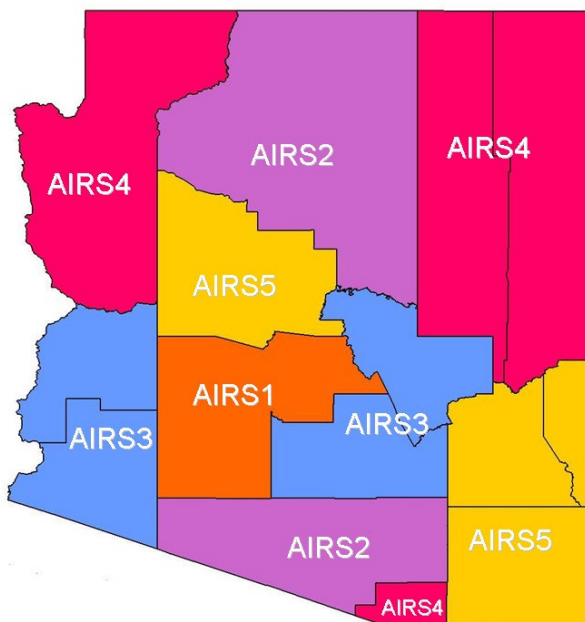
| Channel Use | TX-Freq | RX-Freq | CTCSS | Prim/Alt |
|--|----------|----------|-------|----------|
| Calling Channel | 0 | 0 | 0 | N/A |
| Dispatch (for each EMS Agency) – Northern California EMS Agency Sierra County Providers Sierra County SO - PSAP | 156.165 | 156.165 | N/A | P |
| Other (e.g. tactical, etc. (varied by each local agency) VHF Med Channel Name | | | | |
| Med Alpha | 155.3400 | 155.3400 | N/A | N/A |
| Med Bravo | 155.3250 | 155.3250 | N/A | N/A |
| Med Charlie | 155.3550 | 155.3550 | N/A | N/A |
| Med Delta | 155.3850 | 155.3850 | N/A | N/A |
| Med Echo | 155.4000 | 155.4000 | N/A | N/A |

Appendix E - Neighboring States

Arizona Interagency Radio System (AIRS) State Plan

AIRS is a suite of full-time, cross-banded (i.e., VHF, UHF, and 800 MHz) mutual aid channels designated specifically for multi-agency use across the State of Arizona. Agencies and organizations wishing to operate on AIRS must sign a Memorandum of Understanding (MOU) with the Department of Public Safety (DPS) which holds the licenses for AIRS frequencies.

AIRS Channel Assignments



Arizona Operational Area

24-Hour Monitoring Facilities

Eligible users must contact the Department of Public Safety (DPS) Wireless Systems Bureau (WSB) Administrative Secretary at: (602) 223-2247 to request access to AIRS.

Regularly Monitored Channels

| VHF AIRS Channels | | | | | |
|-------------------|----------|-------------|-------|------------|-------|
| NAME | BW | Rx (Output) | CTCSS | Tx (Input) | CTCSS |
| VAIRS1 | 12.5 kHz | 155.4750 | CSQ | 155.1900 | 141.3 |
| VAIRS2 | 12.5 kHz | 155.4750 | CSQ | 155.1900 | 131.8 |
| VAIRS3 | 12.5 kHz | 155.4750 | CSQ | 155.1900 | 101.9 |
| VAIRS4 | 12.5 kHz | 155.4750 | CSQ | 155.1900 | 123.0 |
| VAIRS5 | 12.5 kHz | 155.4750 | CSQ | 155.1900 | 167.9 |
| SAR NFM | 12.5 kHz | 155.1600 | CSQ | 155.1600 | 127.3 |
| VFIRE21 | 12.5 kHz | 154.2800 | CSQ | 154.2800 | CSQ |
| VMED28 | 12.5 kHz | 155.3400 | CSQ | 155.3400 | CSQ |
| VLAW31 | 12.5 kHz | 155.4750 | CSQ | 155.4750 | CSQ |
| VCALL10 | 12.5 kHz | 155.7525 | CSQ | 155.7525 | 156.7 |
| VTAC11 | 12.5 kHz | 151.1375 | CSQ | 151.1375 | 156.7 |
| VTAC12 | 12.5 kHz | 154.4525 | CSQ | 154.4525 | 156.7 |
| VTAC13 | 12.5 kHz | 158.7375 | CSQ | 158.7375 | 156.7 |
| VTAC14 | 12.5 kHz | 159.4725 | CSQ | 159.4725 | 156.7 |
| VTAC36* | 12.5 kHz | 151.1375 | CSQ | 159.4725 | 136.5 |
| VTAC37* | 12.5 kHz | 154.4525 | CSQ | 158.7375 | 136.5 |

Arizona Operational Area (Cont'd)

| UHF AIRS Channels | | | | | |
|-------------------|----------|-------------|-------|------------|-------|
| NAME | BW | Rx (Output) | CTCSS | Tx (Input) | CTCSS |
| UAIRS1 | 12.5 kHz | 460.3750 | CSQ | 465.3750 | 141.3 |
| UAIRS2 | 12.5 kHz | 460.3750 | CSQ | 465.3750 | 131.8 |
| UAIRS3 | 12.5 kHz | 460.3750 | CSQ | 465.3750 | 110.9 |
| UAIRS4 | 12.5 kHz | 460.3750 | CSQ | 465.3750 | 123.0 |
| UAIRS5 | 12.5 kHz | 460.3750 | CSQ | 465.3750 | 167.9 |
| UAIRS_D | 12.5 kHz | 460.3750 | CSQ | 460.3750 | 100.0 |
| UCALL40 | 12.5 kHz | 453.2125 | CSQ | 458.2125 | 156.7 |
| UCALL40D | 12.5 kHz | 453.2125 | CSQ | 453.2125 | 156.7 |
| UTAC41 | 12.5 kHz | 453.4625 | CSQ | 458.4625 | 156.7 |
| UTAC41D | 12.5 kHz | 453.4625 | CSQ | 453.4625 | 156.7 |
| UTAC42 | 12.5 kHz | 453.7125 | CSQ | 458.7125 | 156.7 |
| UTAC42D | 12.5 kHz | 453.7125 | CSQ | 453.7125 | 156.7 |
| UTAC43 | 12.5 kHz | 453.8625 | CSQ | 458.8625 | 156.7 |
| UTAC43D | 12.5 kHz | 453.8625 | CSQ | 453.8625 | 156.7 |
| MED-5D | 12.5 kHz | 463.1000 | CSQ | 463.1000 | 136.5 |

| 800 MHz AIRS Channels | | | | | |
|-----------------------|--------|-------------|-------|-------------|-------|
| NAME | BW | Rx (Output) | CTCSS | Tx (Output) | CTCSS |
| 8AIRSAZ | 20 kHz | 866.0125 | CSQ | 821.0125 | 156.7 |
| 8AIRS1 | 20 kHz | 866.0125 | CSQ | 821.0125 | 141.3 |
| 8AIRS2 | 20 kHz | 866.0125 | CSQ | 821.0125 | 131.8 |
| 8AIRS3 | 20 kHz | 866.0125 | CSQ | 821.0125 | 110.9 |
| 8AIRS4 | 20 kHz | 866.0125 | CSQ | 821.0125 | 123.0 |
| 8AIRS5 | 20 kHz | 866.0125 | CSQ | 821.0125 | 167.9 |
| 8AIRS_D | 20 kHz | 866.0125 | CSQ | 866.0125 | 156.7 |

| 800 MHz AIRS Channels | | | | | |
|-----------------------|--------|----------|-----|----------|-------|
| 8AZTAC5† | 20 KHz | 821.0375 | CSQ | 866.0375 | 156.7 |
| 8AZTAC5D† | 20 KHz | 866.0375 | CSQ | 866.0375 | 156.7 |

| VHF Channels | | | | | |
|--------------|----------|-------------|-------|-------------|-------|
| AZ-SIEC Name | BW | Rx (Output) | CTCSS | Tx (Output) | CTCSS |
| AIRSAZ | 25 KHZ | 155.475 | CSQ | 155.190 | 156.7 |
| AIRS1 | 25 KHZ | 155.475 | CSQ | 155.190 | 141.3 |
| AIRS2 | 25 KHZ | 155.475 | CSQ | 155.190 | 131.8 |
| AIRS3 | 25 KHZ | 155.475 | CSQ | 155.190 | 110.9 |
| AIRS4 | 25 KHZ | 155.475 | CSQ | 155.190 | 123.0 |
| AIRS5 | 25 KHZ | 155.475 | CSQ | 155.190 | 167.9 |
| VAIRS_D | 25 KHZ | 155.475 | CSQ | 155.475 | 156.7 |
| VCALL | 12.5 KHZ | 155.7525 | CSQ | 155.7525 | 156.7 |
| VTAC1 | 12.5 KHZ | 151.1375 | CSQ | 151.1375 | 156.7 |
| VTAC2 | 12.5 KHZ | 154.4525 | CSQ | 154.4525 | 156.7 |
| VTAC3 | 12.5 KHZ | 158.7375 | CSQ | 158.7375 | 156.7 |
| VTAC4 | 12.5 KHZ | 159.4725 | CSQ | 159.4725 | 156.7 |

| UHF Channels | | | | | |
|--------------|----------|-------------|-------|-------------|-------|
| AZ-SIEC Name | BW | Rx (Output) | CTCSS | Tx (Output) | CTCSS |
| AIRSAZ | 25 KHZ | 460.375 | CSQ | 465.375 | 100.0 |
| AIRS1 | 25 KHZ | 460.375 | CSQ | 465.375 | 141.3 |
| AIRS2 | 25 KHZ | 460.375 | CSQ | 465.375 | 131.8 |
| AIRS3 | 25 KHZ | 460.375 | CSQ | 465.375 | 110.9 |
| AIRS4 | 25 KHZ | 460.375 | CSQ | 465.375 | 123.0 |
| AIRS5 | 25 KHZ | 460.375 | CSQ | 465.375 | 167.9 |
| UAIRS_D | 25 KHZ | 460.375 | CSQ | 460.375 | 100.0 |
| UCALL | 12.5 KHZ | 453.2125 | CSQ | 458.2125 | 156.7 |
| UCALL_D | 12.5 KHZ | 453.2125 | CSQ | 453.2125 | 156.7 |
| UTAC1 | 12.5 KHZ | 453.4625 | CSQ | 458.4625 | 156.7 |
| UTAC1_D | 12.5 KHZ | 453.4625 | CSQ | 453.4625 | 156.7 |

| UHF Channels | | | | | |
|--------------|----------|-------------|-------|-------------|-------|
| AZ-SIEC Name | BW | Rx (Output) | CTCSS | Tx (Output) | CTCSS |
| UTAC2 | 12.5 KHZ | 453.7125 | CSQ | 458.7125 | 156.7 |
| UTAC2_D | 12.5 KHZ | 453.7125 | CSQ | 453.7125 | 156.7 |
| UTAC3 | 12.5 KHZ | 453.8625 | CSQ | 458.8625 | 156.7 |
| UTAC3_D | 12.5 KHZ | 453.8625 | CSQ | 453.8625 | 156.7 |

| 800 MHz Channels | | | | | |
|------------------|--------|-------------|-------|-------------|-------|
| AZ-SIEC Name | BW | Rx (Output) | CTCSS | Tx (Output) | CTCSS |
| AIRSAZ | 20 KHZ | 866.0125 | CSQ | 821.0125 | 156.7 |
| AIRS1 | 20 KHZ | 866.0125 | CSQ | 821.0125 | 141.3 |
| AIRS2 | 20 KHZ | 866.0125 | CSQ | 821.0125 | 131.8 |
| AIRS3 | 20 KHZ | 866.0125 | CSQ | 821.0125 | 110.9 |
| AIRS4 | 20 KHZ | 866.0125 | CSQ | 821.0125 | 123.0 |
| AIRS5 | 20 KHZ | 866.0125 | CSQ | 821.0125 | 167.9 |
| 8AIRS_D | 20 KHZ | 866.0125 | CSQ | 866.0125 | 156.7 |

AIRS Regional Channels Monitoring Dispatch Center Assignments

| AIRS Ch | Co Served | Monitoring Dispatch CTR | Suite Location(s) |
|---------|------------|--|---|
| AIRS1 | Maricopa | Mesa PD (480) 644-2211 | Towers Mtn/Voted to Mesa Thompson Peak/Voted to Mesa, South Mtn/Voted to Mesa, White Tank Mtn/Voted to Mesa, Oatman Mtn/Voted to Mesa |
| AIRS2 | Pima | Pima Co SO (520) 351-4900 | Mt. Lemmon/Pima Co, Keystone Peak/Pima Co, Childs Mountain/Ajo SO |
| AIRS2 | Coconino | Coconino Co SO (928) 774-1414 (928) 774-4523 | Navajo/Mtn Page PD, Mt. Elden, Bill Williams Mtn, Schnebly Hill, Jacob Lake |
| AIRS3 | Gila/Pinal | | Signal Peak/Pinal Co and Casa Grande PD |

| AIRS Ch | Co Served | Monitoring Dispatch CTR | Suite Location(s) |
|---------|---------------------------------|--|--|
| | | Gila Co SO/ Payson (928) 474-2828 Globe (928) 402-1872 | Mt. Ord/SO in Payson |
| AIRS3 | La Paz | La Paz Co SO (928) 669-2281 | Black Metal |
| AIRS3 | Yuma | Yuma Co SO (928) 539-7840 | Telegraph Pass |
| AIRS4 | Santa Cruz | Santa Cruz Co SO (520) 761-7869 | Nogales Hill |
| AIRS4 | Navajo/ Apache | Navajo Co SO (928) 524-4050 | Piney Hill, Roberts Ranch, Greens Peak, Antelope Mesa, Holbrook, Brookbank Point |
| AIRS4 | Mohave | Mohave Co SO (928) 753-0753 | Willow Beach, Christmas Tree Pass, Hualapai Mountain, Black Rock, Not Monitored, Black Metal, Havasu PD |
| AIRS5 | Greenlee/ Graham/ Cochise | Not Monitored | Heliograph Peak/Voted to DPS Tucson, Mule Mountain/Voted to DPS Tucson, Bernardino Peak/Voted to DPS Tucson Guthrie Peak/Voted to DPS Tucson |
| AIRS5 | Yavapai | Sedona Fire Regional Comm Center (928) 282-7101 | Black Canyon City, Juniper Mountain, Mingus Mtn, Squaw Peak |

Nevada**Douglas County, Nevada****24-Hour Facilities****911-Dispatch Center for Douglas County and Alpine County**

Telephone: (775) 782-5126

Shared Tactical Channels

| VHF High | | | | |
|----------|---------------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Law | NLEMA | 155.6550 | 155.6550 | CSQ |
| Law | FLEMA | 155.4750 | 155.4750 | CSQ |
| Law | CALAW 1 | 154.9200 | 154.9200 | CSQ |
| Fire | VFIRE FIRE #1 | 154.2800 | 154.2800 | CSQ |
| Fire | VFIRE 22 | 154.2650 | 154.2650 | CSQ |
| Fire | VFIRE 23 | 154.2950 | 154.2950 | CSQ |
| Fire | VFIRE FIRE #4 | 155.1450 | 155.1450 | CSQ |
| Tac | CALCORD | 156.0750 | 156.0750 | CSQ |

Washoe County, Nevada

24-Hour Monitoring Facilities

The **Washoe County Sheriff's Office** provides 24-hour monitoring of Sheriff's Office-only channels through the Incline Village Substation. The Incline Village Dispatch Center is 1 of 3 designated 9-1-1 Public Safety Answering Point (PSAP). Telephone: (775) 832-4110 or (775) 831-0587

The **City of Reno ECOM Dispatch Center** provides 24-hour monitoring of Reno Police as well as Washoe County Sheriff's Office Traffic north of Interstate 80. They also dispatch and monitor City of Reno Fire and Sierra Fire Protection District traffic. Telephone: (775) 334-2399

The **City of Sparks Dispatch Center** provides 24-hour monitoring of Sparks Police and Fire traffic. Telephone: (775) 353-2231

Regularly Monitored Channels

| VHF High | | | | |
|----------|----------|-------------|------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| Fire | TM SLIDE | 158.7450 | 159.3900 | 107.2 |
| Fire | TM PEAV | 158.7450 | 159.3900 | 118.8 |
| Fire | TM VP | 158.7450 | 159.3900 | 136.5 |
| Fire | TM GER | 158.7450 | 159.3900 | 127.3 |
| Fire | INC MAIN | 154.2350 | 154.2350 | None |
| Fire | VFIRE 1 | 154.2800 | 154.2800 | None |
| Law | VFIRE | 155.9850 | 155.9850 | 107.2 |

| 800 MHz | | | | |
|---------|---------|--------------|--------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| PS | 8CALL90 | 806.0125 NPS | 851.0125 NPS | 156.7 |

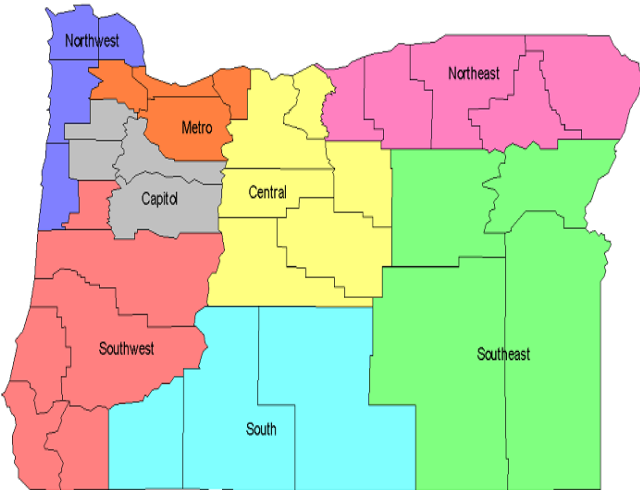
Washoe County, Nevada (Cont'd)

Shared Channel Infrastructure

| 800 MHz | | | | |
|--|---------|--------------|--------------|-------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| PS | 8TAC91 | 806.5125 NPS | 851.5125 NPS | 156.7 |
| PS | 8TAC92 | 807.0125 NPS | 852.0125 NPS | 156.7 |
| PS | 8TAC93 | 807.5125 NPS | 852.5125 NPS | 156.7 |
| PS | 8TAC94 | 808.0125 NPS | 853.0125 NPS | 156.7 |
| Law | NA LAW | 808.7375 NPS | 853.7375 NPS | 156.7 |
| Fire | NA FIRE | 808.9875 NPS | 853.9875 NPS | 156.7 |
| <i>Note: These channels are not normally monitored but are available to all Dispatch Centers as requested.</i> | | | | |

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Oregon Interoperability Regions



Oregon Operational Area

24-Hour Monitoring Facilities

Oregon Emergency Response System (OERS) Communication Center, P.O. Box 14370, Salem, OR 97309-5062, 24-hour
Telephone: 1-800-452-0311

Shared Channel Infrastructure

| VHF | | | | |
|--------------|-------------------|-------------|------------|-------------|
| Type | Name | Rx (Output) | Tx (Input) | CTCSS |
| | VCALL10 | 155.7525 | 155.7525 | CSQ/156.7 |
| | VTAC11 | 151.1375 | 151.1375 | CSQ/156.7 |
| | VTAC12 | 154.4525 | 154.4525 | CSQ/156.7 |
| | VTAC13 | 158.7375 | 158.7375 | CSQ/156.7 |
| | VTAC14 | 159.4725 | 159.4725 | CSQ/156.7 |
| N Cascade | ODF Direct | 151.2050 | 151.2050 | 179.9 |
| Forest Grove | ODF Direct | 151.1450 | 151.1450 | 146.2 |
| | ODF Red | 151.3400 | 151.3400 | 156.7/156.7 |
| | ODF TAC 2 | 151.2500 | 151.2500 | 156.7 |
| | ODF TAC 3 | 151.3550 | 151.3550 | 156.7 |
| | ODF TAC 4 | 151.3850 | 151.3850 | 156.7 |
| | ODF TAC 5 | 151.4150 | 151.4150 | 156.7 |
| | OSAR | 155.8050 | 155.8050 | None |
| | OPEN | 155.4750 | 155.4750 | None |
| | Oregon State Fire | 154.2800 | 154.2800 | |
| | CH 16 | 156.8000 | 156.8000 | |
| | CH 22A | 157.1000 | 157.1000 | |

Active Tactical Channel by Region

| Region | Calling Channel | Active Tactical Channel | Primary Standby Tactical Channel |
|-----------|-----------------|-------------------------|----------------------------------|
| Northwest | VCALL | VTAC 1 | VTAC 2 |
| Metro | VCALL | VTAC 2 | VTAC 1 |
| Capitol | VCALL | VTAC 3 | VTAC 4 |
| Southwest | VCALL | VTAC 4 | VTAC 3 |
| Central | VCALL | VTAC 4 | VTAC 3 |
| South | VCALL | VTAC 1 | VTAC 2 |
| Northeast | VCALL | VTAC 1 | VTAC 2 |
| Southeast | VCALL | VTAC 3 | VTAC 4 |

Regional Monitoring of the Calling Channels

The Oregon use of the VCALL and VTAC channels differ from the National Standard through the use of NTIA frequencies. This allows Oregon to have mobile relay operation on the VHF nationwide interoperability channels. In order to be able to interoperate with non-Oregon subscribers in Oregon, it is necessary for the VHF interoperability stations to operate both as a mobile relay and as a simplex base station. Each VHF station will, therefore, also require a second receiver on the mobile relay output frequency. Dispatchers may then operate either in the Repeat or in the Direct mode on the VCALL and VTAC channels.

| Transmit Frequency National Interop (MHz) | Receive frequency NTIA Federal (MHz) |
|--|---|
| 151.1375 | 166.5000 |
| 154.4525 | 166.8125 |
| 155.7525 | 167.8875 |
| 158.7375 | 168.2625 |
| 159.4725 | 169.1875 |

Statewide Monitoring of Calling Channels

Statewide monitoring is required for all Calling Channels at the Anderson Readiness Center (ARC) in Salem.

Law Enforcement Radio Network:

In addition to the Nationwide Interoperability Channels, the Interoperability system layer will include a new Law Enforcement Radio Network (LERN). This network, dedicated to federal, state, local, and tribal law enforcement interoperability, will have two VHF repeater channels available in over 100 radio sites around the state.

To learn more about Oregon Interoperability contact:

William Chapman
Statewide Interoperability Coordinator (SWIC)
Enterprise Information Services
Shared Services
503-373-7251 / 503-934-1275

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Interoperable Communications Watch Out Situations

1. Incidents using channels in more than one radio frequency band.
2. Same channel/frequency being used with a local name outside of the ANSI standard.
3. Unable to communicate critical information due to radio congestion.
4. Unfamiliar with radio system (s) or assigned radio functionality.
5. Instructions and assignments are not clear.
6. Have no or inadequate communication with responders or supervisors.
7. Dispatch to Dispatch channel patching.
8. Inadequate number of tactical channels available or assigned.
9. Multiple conversations on the same talkgroup or channel.
10. Radio systems used for interoperability do not completely support the incident and lack good radio coverage.
11. High levels of background noise.
12. Emergency button activation – Who is receiving the notification, does it work the same for all radios?
13. Multiple agencies performing radio programming at the incident.
14. Organizations in the system do not use the same vocabulary.
15. Mobile gateway devices are being used in a strategic (wide area) rather than tactical (local) environment.
16. Multiple mobile gateways available at the incident.
17. Ensure the activation and deactivation of gateway patches are properly announced.
18. When a single COML for the incident has not been identified.
19. Working in the deep interior of a building, tunnel, or area below grade or above grade.

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES



Cal IFOG

