Nevada Tactical Interoperable Communications Field Operations Guide (NEViFOG)

Version 2.2 dated March 2012

Letter of Introduction

The Nevada Tactical Interoperable Communications Field Operations Guide (NEVIFOG) is a collection of technical reference material to aid Communications Unit personnel in establishing solutions to support communications during emergency incidents and planned events. The NEVIFOG includes information from the Las Vegas Urban Area/Southern Nevada Tactical Interoperable Communications Plan (TICP), the Northwestern Nevada TICP, the Northeastern Nevada TICP, and data from other Southern Nevada communications documents; formatted as a pocket-sized guide.

The NEVIFOG contains local, state, and national interoperability channels. These channels should be programmed into all public safety radios in the appropriate frequency band. If geographic restrictions on some channels preclude their use within Nevada, they may offer an interoperability option when responding out of State where the restrictions do not apply.

Please send updates, corrections, or comments about the NEVIFOG to Jeff Yeagley, jyeagley@dps.state.nv.us.

Thank you,

Lou Amell, Chairman
Nevada Communication Steering Committee

Jeff Yeagley, Statewide Interoperability Coordinator
Nevada Department of Public Safety, Division of Emergency Management

Record of Change

Change Number	Date	Pages Changed	Change Date	Change Made By
1	3/28/2012	All	3/28/2012	David Fein
2	3/31/2012	All	3/31/2012	David Fein

About this Guide

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The purpose of the Nevada Tactical Interoperable Communications Field Operations Guide (NEVIFOG) is to be used to increase efficiency in establishing interoperable communications during incidents, create a consistent knowledge base of interoperable communications frequencies and networks, and provide a helpful tool for pre-planning and interoperable communications training and exercises.

Please send updates, corrections, or comments about the NEVIFOG to Jeff Yeagley, Jyeagley@dps.state.nv.us

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1 Interoperable Communications Commonalities

1.1 Watch Out Situations

1. Incident is using radio frequencies in more than one spectrum band (VHF, UHF, and/or 700/800 MHz)
2. Incident using different radio spectrum via console or gateway patches
3. Unable to communicate critical information due to radio congestion
4. Unfamiliar with radio system(s) or assigned radio functionality
5. Instructions and assignments not clear
6. Have no or inadequate communication with your crew members or supervisor
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. Ensure that the radio system that you are using for interoperability completely supports the incident with good radio coverage
11. High level of background noise (i.e., wind, generators, power tools, fire pumps).
12. Emergency button activation – who is receiving the notification
13. Multiple agencies performing radio programming at the incident
14. Organizations in the system do not use the same vocabulary
15. Mobile gateway devices being used in a strategic (wide-area) rather than tactical (local) environment
16. Multiple mobile gateways available at the incident
17. Responding agencies have not identified a single Communications Unit Leader for the incident
18. Working in the deep interior of a building, parking garage, or underground

1.2 Agency Responsibilities and Rights

Agencies will retain the following rights and responsibilities:

- Agencies are responsible for complying with Memoranda of Understanding (MOUs) and Agreements developed through the Urban Area Communication Steering Committee (UACSC) and Las Vegas Urban Area/Southern Nevada Working Group (UAWG), by the Nevada Communications Steering Committee (NCSC) (Northeast and Northwest Nevada) in coordination with their respective jurisdictions.
- Authorized representatives of agencies participating in this plan have the authority to request the use of equipment, including systems and mobile assets, in accordance with Standard Operating Procedures (SOPs).
- Where applicable, agencies will be responsible for consistently maintaining, testing, and exercising connectivity to interoperable communications.
- Incident Commanders retain the right to decide how to utilize interoperable communications.

1.3 Prioritization and Shared Use of Regional Interoperability Assets

The Incident Commander, or designee, in conjunction/cooperation with their counterparts in other involved agencies, will have the authority to request the use of interoperable assets. Once Incident Command has been established, Command Staff or Communication Unit Leaders (when designated) direct the further coordination and delegation of the interoperable communications assets assigned to the event or incident in question.

When the same resources are requested for two or more incidents, resource assignments should be based on the priority levels in accordance with the National Incident Management System (NIMS).

In the event of multiple simultaneous incidents within the same priority, the resources should be allocated according to NIMS.

In response to events or incidents which cross over jurisdictional boundaries, there could potentially be competing demands and priorities for interoperable communications assets.

Agencies should activate needed interoperable assets to respond effectively and to minimize any negative impact on surrounding agencies or jurisdictions. Specifically, interoperable communications should be attempted with the following order of operations in mind:

1. Utilize face-to-face communications wherever appropriate. For example, the co-location of all Command and General Staff at the Incident Command Post (ICP) provides the best direct communications and reduces the demand on interoperability resources.
2. Employ local communications assets until such time as either those assets become taxed or inadequate based on the nature and/or scope of the incident.
3. If response agencies are users of a shared system, utilize that shared system to establish interoperable communications.
4. If response agencies operate on disparate systems, utilize shared or mutual aid channels to establish interoperable communications.
5. If response agencies do not share systems or channels, utilize a gateway solution to establish interoperable communications.
6. Where interoperable communications cannot otherwise be established between response agencies, utilize swap or cache radios to establish operable communications for responders.
7. If no other method of interoperability can be established, relay communications through staff members.

When the same resources are requested for two or more incidents, resource assignments should be based on the priority levels listed below:

1. Disasters, large scale incidents, or extreme emergencies requiring mutual aid or interagency communications
2. Incidents where imminent danger exists to life or property
3. Incidents requiring the response of multiple agencies
4. Pre-planned events requiring mutual aid or interagency communications
5. Incidents involving a single agency where supplemental communications are needed for agency use
6. Drills, tests and exercises

In the event of multiple simultaneous incidents within the same priority level, the Incident Commander or Unified Command (if formed) shall have allocation authority and shall allocate resources with the following priorities in mind:

1. Incidents with the greatest level of exigency (e.g., greater threat to life or property, more immediate need, etc.) have priority over less exigent incidents
2. Agencies with single/limited interoperable options have priority use of those options over agencies with multiple interoperable options

When at all possible, agencies already using an interoperable asset during an event should not be redirected to another resource.

1.4 Establishing Interoperability

Recommendations for establishing interoperability among agencies from multiple jurisdictions in support of emergency incidents, disaster situations, and planned events:

1. Establish a common radio frequency for statewide mutual aid and set standard tactical operations frequencies to be programmed in all communications assets owned by the State of Nevada, and work with local governments to ensure that those same frequencies are programmed into local assets.
2. Direct that each of these mutual aid frequencies is given the same name designation in all State owned radios, and recommend that those same name designations are utilized across all jurisdictions.
3. Direct that all State emergency response mobile radios have the Nevada Mutual Aid frequencies programmed in their scan bank. Direct that all emergency response mobile radios participating in the mutual aid system have those same Mutual Aid frequencies programmed in their scan banks.
4. Develop protocol for use of the Nevada Mutual Aid frequencies by emergency response personnel.
5. Establish an effective process for requesting local or State owned communications assets.
6. Adopt the FEMA typing standards for Mobile Communications Center (MCC) for these assets and establish minimum training requirements for personnel deploying and operating communications assets.
7. Local Communications assets will become a part of the Statewide Emergency Management Support Team process and will be covered by the procedures for requesting mutual aid support.
8. Guidelines will be developed for training State and local dispatch centers to ensure that Nevada Mutual Aid channels are installed in dispatch centers. Guidelines will cover monitoring and responding to calls on the mutual aid channels.
9. Guidelines will be developed for establishing interoperable communications through the Incident Command System when on the scene of a multi-agency/multi-jurisdictional response. Strict -net control|| must be utilized to ensure that these frequencies are not misused and remain clear for emergencies.

1.5 National Response Framework

Natural and man-made disasters have illustrated the need for all levels of government, private sector, and non governmental agencies to prepare for, protect against, respond to, and recover from a wide spectrum of events that exceed the capabilities of any single entity. These events require a unified and coordinated national approach to planning and incident management. To address this need the President signed a series of Homeland Security Presidential Directives (HSPDs) that were intended to develop a common approach to preparedness and response. Two HSPDs are of particular importance in effective decision making for all Federal, State, tribal, territorial, regional, and local levels.

- HSPD-5 Management of Domestic Incidents: Identifies steps for improved coordination in response to incidents. It requires the Department of Homeland Security (DHS) to coordinate with other Federal departments and agencies and State, local and Tribal governments to establish a National Response Framework (NRF) and a National Incident Management System
- HSPD-8 National Preparedness: Describes the way Federal departments and agencies will prepare. It requires DHS to coordinate with other Federal departments and agencies – and with State, local, and Tribal governments to develop a National Preparedness Goal.
- Further information can be found at the following link: National Response Framework Resource Center http://www.fema.gov/emergency/nrf/

1.6 National Emergency Communications Plan (NECP)

Lessons learned from major incidents throughout the history of emergency management in our Nation have cited communications difficulties among the many responding agencies as a major failing and challenge to policymakers. Congress and the Administration have recognized that a successful response to a future major incident—either a terrorist attack or natural disaster—requires a coordinated, interoperable response by the Nation's public safety, public health, and emergency management community, both public and private, at the Federal, State, tribal, territorial, regional, and local levels.

Recognizing the need for an overarching strategy to help coordinate and guide such efforts, Congress directed the Department of Homeland Security to develop the first National Emergency Communications Plan (NECP). The purpose of the NECP is to promote the ability of emergency response providers and relevant government officials to continue to communicate in the event of natural disasters, acts of terrorism, and other man-made disasters and to ensure, accelerate, and attain interoperable emergency communications nationwide.

To strengthen emergency communications capabilities nationwide, the Plan focuses on technology, coordination, governance, planning, usage, training and exercises at all levels of government. This approach recognizes that communications operability is a critical building block for interoperability; emergency response officials first must be able to establish communications within their own agency before they can interoperate with neighboring jurisdictions and other agencies.

Further information on the NECP can be found at the following link:
http://www.dhs.gov/xlibrary/assets/national_emergency_communications_plan.pdf

1.7 National Incident Management System (NIMS)

NIMS was developed so emergency response professionals from different jurisdictions, agencies and disciplines can work together to manage, coordinate and support emergencies and planned events. The five major components of NIMS are:

1. Preparedness
2. Communications and Information Management
3. Resource Management
4. Command and Management
5. Ongoing Management and Maintenance

This guide focuses on all five components but will have a primary focus on Communications and Information Management and Command and Management. The command and management component of NIMS is based on three key elements:

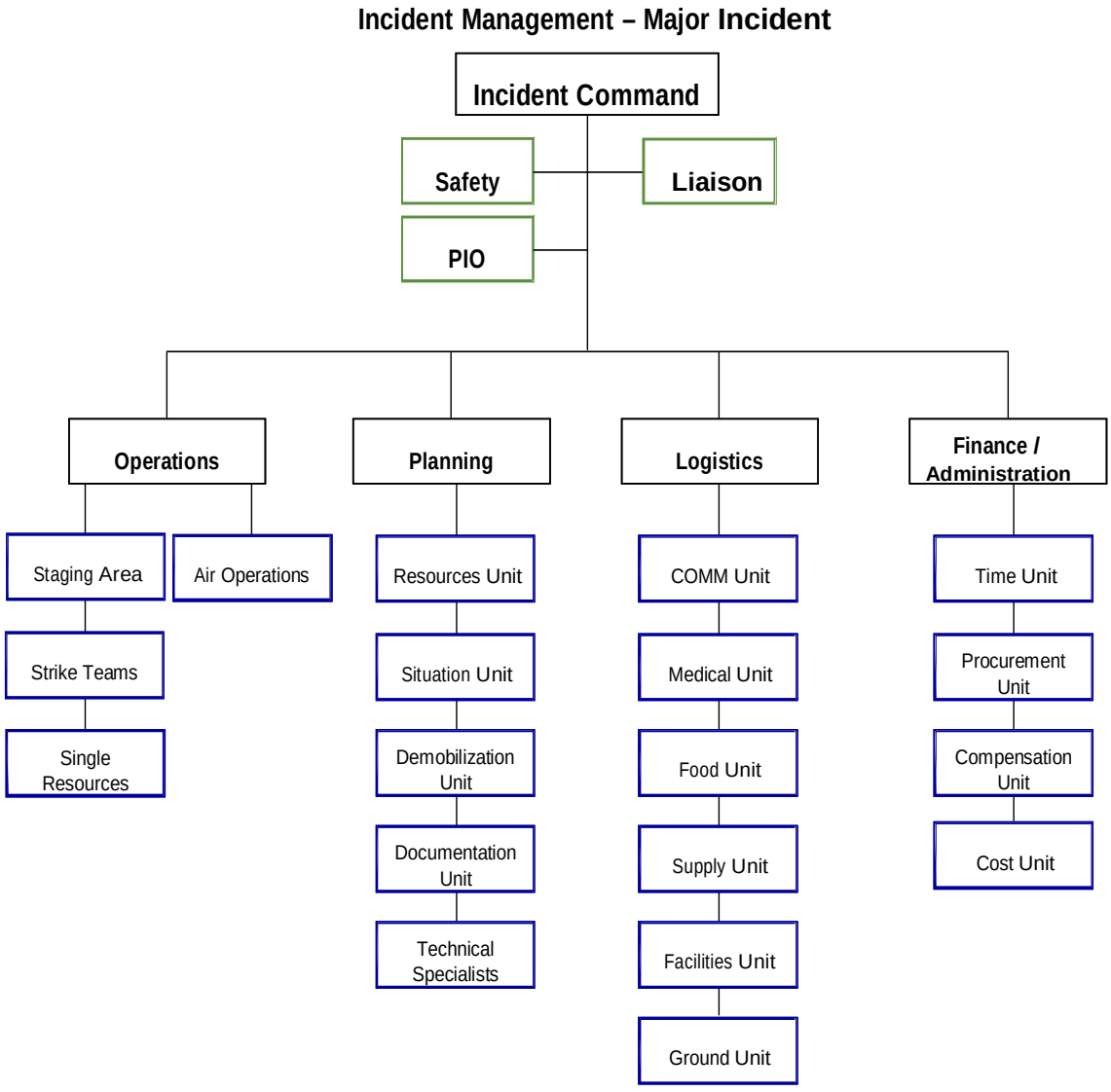
1. Incident Command System (ICS) including Area Command
2. Multiagency Coordination System (MACS)
3. Public Information

Further information and training about NIMS can be found at the following link:

NIMS Integration Center http://www.fema.gov/emergency/nims/

1.8 Incident Command System (ICS)

ICS is a key feature of NIMS. It is a widely applicable management system designed to enable effective, efficient incident management by integrating a combination of facilities, equipment, personnel, procedures and communications operating with a common organizational structure. ICS is used to organize on-scene operations for a broad spectrum of incidents/events and guides the process for planning, building and adapting that structure. ICS is based on the command principles of unity of command, chain of command, span of control, delegation of authority and division of labor. The five major functional areas of ICS are command, operations, planning, logistics and finance/administration. Intelligence/investigations is an optional sixth functional area that is activated on an as-needed basis.



1.9 Regional Emergency Resource Staffing

Emergency Resource Directory

The Emergency Resource Directory establishes a list of personnel who will respond to fill the Communication Unit positions. Identified personnel must train and exercise to a regional response level. Job descriptions and qualified personnel for each Communications Unit position are detailed below.

Dispatch Center or Emergency Operations Center (EOC)

Communications Coordinator (COMC) – The COML will work with the COMC to coordinate communications with other dispatch centers and the incident communication plan. Locally, the jurisdictional dispatch center supervisor or dispatcher will act as the Communications Coordinator. Coordinators may also be located at the county, region, state, and/or federal level.

At an Incident/Event

Communications Unit Leader (COML) –Manages the technical and operational aspects of the Communications Function during an incident or event. Develops National Incident Management System (NIMS)/Incident Command System (ICS) Form 205 Incident Radio Communications Plan and supervises the communication unit.

Technical Specialist (THSP) – Allows for the incorporation of personnel who may not be formally certified in any specific NIMS/ICS position. THSPs may include Local Agency Radio Technicians (as opposed to the COMT), Telephone Specialists, Gateway Specialists, Data/IT Specialists, and or Cache Radio Specialists.

Incident Communications Technician (COMT) – Deploys advanced equipment and keeps it operational throughout the incident/event.

Incident Communications Center Manager (INCM) – Supervises the operational aspects of the Incident Communications Center (ICC) (Mobile Unit and/or Fixed Facility). During an incident, the ICC is designed to absorb incident traffic in order to separate that traffic from the day-to-day activities of the dispatch center. The ICC is typically located at the Incident Command Post (ICP) in a fixed site, tent, trailer, mobile communications unit.

Radio Operator (RADO) - Staffs a radio at the ICC and is responsible for documenting incoming radio and telephone messages. Incident Dispatchers or Tactical Dispatchers are used as RADOs.

Communication Unit

The communications unit is in the service branch of the logistics section of the ICS. Listed below are the communication unit organization and position titles and responsibilities.

1.10 ICS Personnel Common Responsibilities

The following is a checklist applicable to all ICS personnel.

a. Receive assignment from your agency, including:
   1. Job assignment, e.g., Strike Team designation, overhead position, etc.
   2. Resource order number and request number
   3. Reporting location
   4. Reporting time
   5. Travel instructions
   6. Any special communications instructions, e.g., travel frequency

b. Upon arrival at the incident, check in at designated Check-in location. Check-in may be found at:
   1. Incident Command Post
   2. Base or Camps
   3. Staging Areas
   4. Helibases
   5. If you are instructed to report directly to a line assignment, check in with the Division/Group Supervisor

c. Receive briefing from immediate supervisor

d. Acquire work materials

e. Conduct all tasks in a manner that ensures safety and welfare of you and your co-workers

f. Organize and brief subordinates

g. Know the assigned frequency (ies for your area of responsibility and ensure that communication equipment is working properly

h. Use clear text and ICS terminology (no codes) in all radio communications. All radio communications to the incident Communications Center will be addressed: -(Incident Name) Communications‖, e.g., -Webb Communications‖

1.11 Area Commander Position Checklist

The Area Commander is responsible for the overall direction of incident management teams assigned to the same incident or to incidents in close proximity. This responsibility includes ensuring that conflicts are resolved, compatible incident objectives are established and strategies are selected for the use of critical resources.

Area Command also has the responsibility to coordinate with local, state, federal, and volunteer organizations and agencies that are operating within the Area.

a. Obtain briefing from the agency executive(s) on agency expectations, concerns, and constraints
b. Obtain and carry out delegation of authority from the agency executive for overall management and direction of the incidents within the designated Area Command
c. If operating as a Unified Area Command, develop working agreement for how Area Commanders will function together
d. Delegate authority to Incident Commanders based on agency expectations, concerns, and constraints
e. Establish an Area Command schedule and timeline
f. Resolve conflicts between incident -realities‖ and agency executive -wants‖
g. Establish appropriate location for the Area Command facilities
h. Determine and implement an appropriate Area Command organization
i. Determine the need for Technical Specialists to support Area Command
j. Obtain incident briefing and Incident Action Plans form Incident Commanders
k. Assess incident situations prior to strategy meetings
l. Conduct a joint meeting with all Incident Commanders
m. Review objectives and strategies for each incident
n. Periodically review critical resource needs
o. Maintain a close coordination with the agency executive
p. Establish priorities for use of critical resources
q. Review procedures for interaction within the Area Command
r. Approve Incident Commanders' requests for and release of critical resources
s. Coordinate and approve demobilization plans
t. Maintain log of major actions/decisions

1.12 Incident Commander Position Checklist

The Incident Commander's responsibility is the overall management of the incident. On most incidents, a single Incident Commander carries out the command activity; however, Unified Command may be appropriated. The Incident Commander is selected by qualifications and experience.

The Incident Commander may have a Deputy, who may be from the same agency, or from an assisting agency. Deputies may also be used at section and branch levels of the ICS organization. Deputies must have the same qualifications as the person for whom they work for, as they must be ready to take over that position at any time.

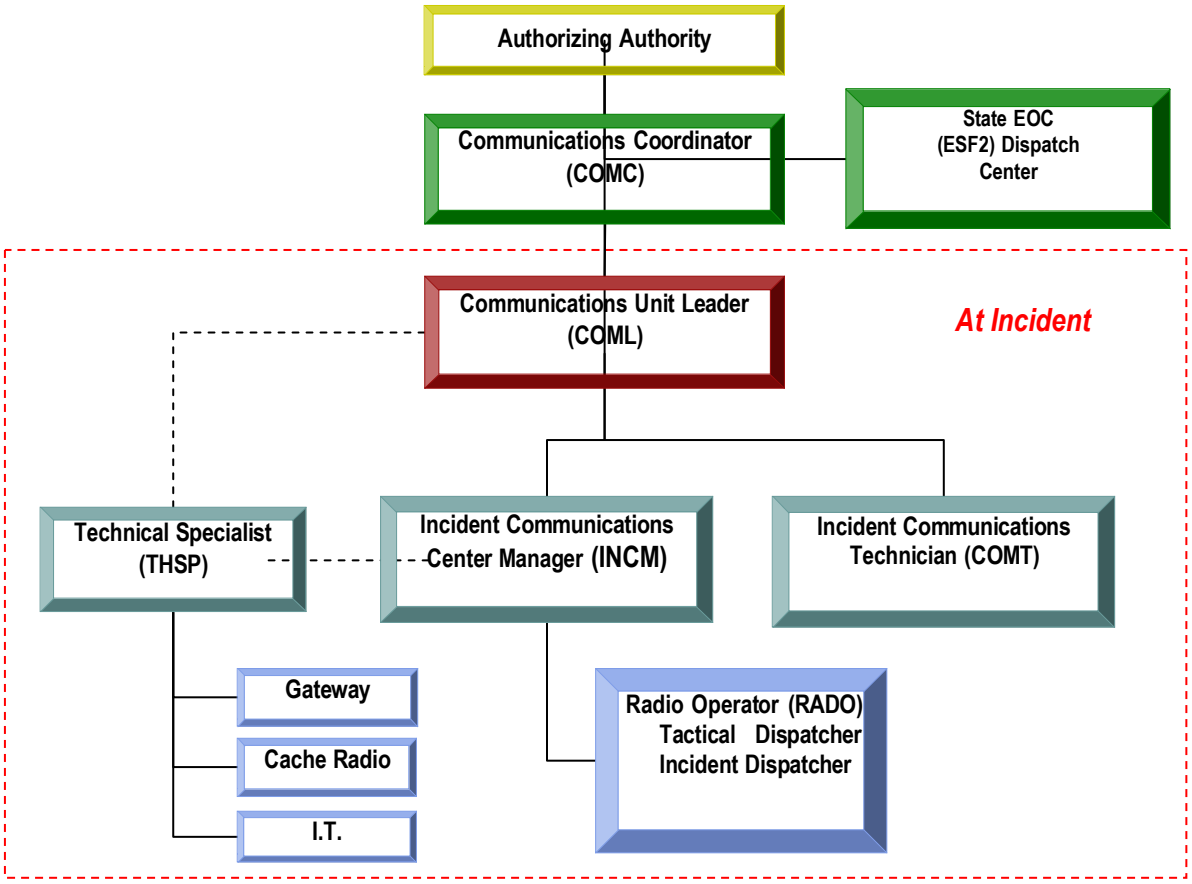
a. Review Common Responsibilities (Section 1.9)
b. Assess the situation and/or obtain a briefing from the prior Incident Commander
c. Determine Incident objectives and strategy
d. Establish the immediate priorities
e. Establish and Incident Command Post
f. Consider the need for Unified Command
g. Establish an appropriate organization
h. Ensure planning meetings are scheduled as required
i. Approve and authorize the implementation of an Incident Action Plan
j. Ensure that adequate safety and personnel accountability measures are in place
k. Coordinate activity for all Command and General Staff
l. Coordinate with key people and officials
m. Approve requests for additional resources or for the release of resources
n. Keep agency administrator informed of incident status
o. Approve the use of trainees, volunteers, and auxiliary personnel
p. Authorize release of information to the news media
q. Ensure Incident Status Summary (ICS Form 209) is completed and forwarded to appropriate higher authority
r. Order the demobilization of the incident when appropriate
s. Maintain Unit/Activity Log (ICS Form 214)

1.13 Communications Unit Leader (COML) Position Checklist

TASK

1. Obtain briefing from the Logistics Section Chief or Service Branch Director
2. Organize and staff Unit as appropriate
    a. Assign Communications Center Manager and Lead Incident Dispatcher
    b. Assign Message Center Manager and ensure adequate staff is assigned to answer phones and attend to fax machines
3. Assess communications systems/frequencies in use; advise on communications capabilities/limitations
4. Develop and implement effective communications procedures (flow) internal and external to the incident/Incident Command Post
5. Assess Incident Command Post phone load and request additional lines as needed
6. Obtain copy of Communications Resource Availability Worksheet (ICS Form 217A) which provides RF information for the applicable area. If ICS Form 217A has not been completed or is unavailable, it should be prepared)
7. Prepare and Implement Incident Communications Plan (ICS Form 205):
    a. Obtain current organizational chart
    b. Determine most hazardous tactical activity; ensure adequate communications
    c. Make communications assignments to all other Operations elements, including volunteer, contract, or mutual aid
    d. Determine Command communications needs
    e. Establish and post any specific procedures for use of Incident Command Post communications equipment
8. Include cellular phones and pagers in Incident Communications Plan (ICS Form 205T) if appropriate:
    a. Determine specific organizational elements to be assigned to telephones
    b. Identify all facilities/locations with which communications must be established (shelters, press area, liaison area, agency facilities, other governmental entities' Emergency Operations Center [EOCs], etc.), and identify and document phone numbers
    c. Determine which phones and what numbers should be used by specific personnel and their 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
    d. Do not publicize OUTGOING call lines
9. Activate, serve as contact point, and supervise the integration of volunteer radio organization into the communications system
10. Ensure radio and telephone logs are available and being used
11. Determine need and research availability of additional nets and systems:
    a. Order through Supply Unit after approval by Section Chief or appropriate official
    b. Federal systems
    c. Additional radios and other communications devices, including repeaters, radio-telephone interconnects and satellite down-link capabilities may be available through FEMA or the USDA's Forest Service
12. Document malfunctioning communications equipment, facilitate repair
13. Establish and maintain communications equipment accountability system
14. As required, provide technical information regarding:
    a. Adequacy of communications system currently in use
    b. Geographic limitations of communications equipment
    c. Equipment capabilities
    d. Amount and types of equipment available
    e. Anticipated problems in the use of communications equipment
15. Estimate Unit needs for expected operations
16. As required, request relief personnel
17. Provide briefing to relief personnel on current activities and unusual situations
18. Document all activity on Unit Log (ICS Form 214).
19. Procedural Reference Information
20. Concept of Operations - Requests for Communications Assets
21. An agency needing support of a Communications asset will contact their local dispatch center.

22. The local dispatch center will contact the State EOC (SEOC) and make the request. The SEOC will open a mission and start official documentation of the incident
23. The SEOC will contact the closest and most appropriate State or local asset that can support the request, determine the availability and estimated time of deployment. This will normally be routed through the local EMA
24. The SEOC will then report the response information back to the requesting dispatch center
25. The SEOC will verify that the responding asset, the requesting jurisdiction dispatch center, and the on-scene commander all have a common mutual aid channel
26. The responding asset will check with the Incident Commander (IC) for staging of the asset or to determine a reporting location
27. The IC will designate a vehicle to meet the arriving Communications asset and escort them to the designated location
28. The Communications asset will establish communications with the SEOC once on scene
29. The IC will designate a Communications Unit Leader (COML) who will prepare an Incident Radio Communications Plan (ICS Form 205). The ICS205 will be provided to the Communications asset. The Communications Plan will also include phone numbers for incident personnel and other significant locations
30. If necessary, the IC will designate law enforcement personnel to provide security at the site of the Communications asset
31. The Communications asset will rapidly prepare to activate interoperable communications necessary to support on-scene incident personnel
32. The Communications asset will have a cache of 800 MHz, VHF, and UHF portable radios to issue to incident personnel if necessary
33. The Communications asset should be prepared to remain on scene staffed by trained communications personnel until released by the Incident Commander or designee



1.14 Communications Assets and Resources

The Communication Assets Survey and Mapping (CASM) tool provides the ability for representatives of public safety agencies within an urban area or State to collect, store, and visualize data about agencies, communication assets, and how agencies use those assets.

The purpose of CASM is to:

- Provide a single repository for information about land mobile radio systems, other interoperability methods, and how they are used by public safety agencies within a state or urban area
- Provide a method to display the data.
- Provide tools to analyze the data and visualize interoperability gaps in accordance with the Interoperability Continuum framework

The CASM tool is composed of two components: the Communication Assets Survey (CAS) and the Communication Assets Mapping (CAM) tool. The CAS component provides a means to enter, edit, and delete information about agencies, communication assets (such as radio systems, dispatch centers, mutual aid channels/systems, gateways and radio caches), and agency usage of those assets. The CAM component provides a means to display this information in a map-based interface and provides analysis tools for displaying agency-to-agency interoperability, including interoperability gaps, in various ways. CAM also provides the capability to generate the interoperable equipment lists included in the TICP. As updates are made to the TICP, the equipment tables can easily be produced using CAM and cut/pasted into the appropriate sections of the TICP document.

Authorization to access data for a particular urban area or State is controlled by the Nevada Administrative Manager (AM); each user must have a user name and password in order to login.

The CASM AM POC information for your state/urban area is listed in the following table:

Name	Phone	Email
Jeff Yeagley	702-486-4498	jyeagley@dps.state.nv.us
David Fein	775-530-9363	dfein@dps.state.nv.us

NEViFOG
Las Vegas
Southeast
Region

March 2012

2 Las Vegas Information

Refer to the Las Vegas Urban Area/Southern Nevada Tactical Interoperable Communications plan for additional information on all interoperable communications assets in the area. Refer to regional Standard Operating Procedures (SOPs) for policies and procedures on asset usage.

2.1 General Rules of Use for All Interoperability Assets

- **National Incident Management System** – Use an Incident Command System (ICS) compliant with the National Incident Management System (NIMS) when using any regional interoperability resource.
- **Plain Language (Common Terminology)** – All interoperable communications during multi-agency, multi-discipline incidents will be in plain language. Avoid using radio codes, acronyms, and abbreviations as they may cause confusion between agencies. Ensure that all verbal requests for assistance or backup specify the reason for the request.
- **Unit Identification** – Announce your home agency prior to announcing your unit identifier during interoperable communication situations. (i.e., -North Las Vegas PD 2D3‖, -Clark County Fire Engine 18‖)
- **National Response Framework** – Under the National Response Framework, ICS forms will be used for all appropriate documentation.

Applies to gateways only

- **Encryption** – All encrypted radios users must operate in a -clear‖ mode when a gateway is used, unless otherwise arranged in advance. Never assume encryption carries across the gateway.

- **Monitoring** – The system owner and/or the Incident Commander, or their designee, will ensure that each activated interoperability channel is monitored while in use if the capability exists.

Applies to cache radios and MCUs only

- **Equipment Return** – The requesting agency is responsible for the return of any cache radios/MCUs/equipment in the condition that they were received. Responsibilities for lost or damaged equipment lie with the appropriate agency as dictated by existing Memoranda of Agreement (MOAs).

2.2 Map – Regional Boundaries

Figure 1 shows the Las Vegas/Southern Nevada Urban Area Operating Area to include bordering counties of California (CA), Utah (UT), and Arizona (AZ).The Las Vegas/Southern Nevada Urban Area falls under Federal Emergency Management agency (FEMA) Region 9.

Figure 1 Las Vegas Urban Area (Clark County) / Southern Nevada (surrounding) Operating Areas

This FOG is intended to apply to the urban area and immediately surrounding areas as shown above. Specifically, this is a field operations guide intended to be used by public safety personnel during day-to-day and emergency response situations. Public safety personnel are located in jurisdictions geographically identified above and in agencies and disciplines identified below.

San Bernardino – Currently, all fire departments in Clark County have access to a common San Bernardino County radio channel. The Clark County Fire Alarm Office (FAO) has direct communications via radio console with the San Bernardino dispatch center.

Nye County –Emergency Operations Center (EOC) operated by Nye County Emergency Services and the Nye County Sheriff Dispatch Centers have interconnectivity with Clark County VHF/UHF channels.

Lincoln County – Lincoln County Sheriff's Office dispatch office has interconnectivity with Clark County VHF channels.

State of Utah – Bureau of Land Management (BLM) has Clark County VHF interconnectivity channels.

State of Arizona (AZ) – The Arizona Department of Public Safety has Clark County VHF interconnectivity channels.

Nevada Department of Wildlife (NDOW) – Has Clark County VHF interconnectivity channels.

U.S. Department of Energy – The radio system encompasses both Clark County and Nye County, also has interconnectivity options with Nye County Sheriff.

Littlefield AZ Fire Department – The dispatch has interconnectivity with Clark County VHF channels.

2.3 Shared Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning/Managing POC Information			Service Area
				Agency	Title	Phone	
LVMPD	M/A-COM	VHF Voted	150-170 MHz	LVMPD	LVMPD Manager	702-378-3219	Clark County
Metropolitan Police Department (Feb 2010)	M/A-COM (Harris)	Open Sky	700 MHz	LVMPD	LVMPD Manager	702-378-3219	Clark County
NSRS	M/A-COM (Harris)	EDACS	800 MHz	NDOT, Nevada Power & UNLV 702-657-4205	NSRS Communications Administrator	702-657-4205	Statewide
SNACC	Motorola	Smart Zone	800 MHz	SNACC	Comm Administrator	702-455-7390	Clark & Nye Counties
Federal Trunked System	Motorola	Smart Zone	410-420 MHz	DOE	Spectrum Manager	702-295-4766	Clark & Nye Counties
Nye County	Motorola	VHF/Smart zone	150-170 MHz	Nye County	Nye County SO	775-751-7012	Nye County

2.4 LE VHF and UHF Shared Frequencies

LE VHF PLAN				LE UHF PLAN		
Identifier	Mobile Transmit (MHZ)	Mobile Receive (MHz)		Identifier	Mobile Transmit (MHZ)	Mobile Receive (MHz)
LEA	167.0875 (Simplex)	167.0875		LEB	414.0375 (Simplex)	414.0375
LE1	162.0875	167.0875		LE10	418.9875	409.9875
LE2	162.2625	167.2500		LE11	419.1875	410.1875
LE3	162.8375	167.7500		LE12	419.6125	410.6125
LE4	163.2875	168.1125		LE13	414.0625 (Simplex)	414.0625
LE5	163.4250	168.4625		LE14	414.3125 (Simplex)	414.3125
LE6	167.2500 (Simplex)	167.2500		LE15	414.3375 (Simplex)	414.3375
LE7	167.7500 (Simplex)	167.7500		LE16	409.9875 (Simplex)	409.9875
LE8	168.1125 (Simplex)	168.1125		LE17	410.1875 (Simplex)	410.1875
LE9	168.4625 (Simplex)	168.4625		LE18	410.6125 (Simplex)	410.6125

2.4.1 Conditions for Use

1. The above frequencies are available for assignment to all federal agencies to satisfy law enforcement and public safety incident response interoperability requirements. These frequencies will be referred to hereinafter as -Federal Interoperability Channels‖.
2. The Federal Interoperability 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. The channels are available to federal agencies on a shared basis and will not be authorized for the exclusive use of any one federal agency.
3. The channels are available to non-federal entities to enable joint federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interfaces will not be caused to federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.
4. Extended operations and congestion may lead to frequency conflicts. Coordination with National Telecommunications and Information Administration (NTIA) is required to resolve these conflicts.
5. Only narrowband emissions are to be used on the Federal Interoperability Channels.
6. Federal agencies should have an assignment in the Government Master File (GMF) or be included in the Joint Application (*JNT) circuit remarks.
7. Exceptions to the above restrictions will be considered by the Inter-department Radio Advisory Committee (IRAC)/Frequency Assignment Subcommittee (FAS) on a case-by-case basis.

2.5 Law Enforcement Inter-System Shared Channels

IR VHF PLAN					IR UHF PLAN			
Identifier	Mobile Transmit (MHZ)	Mobile Receive (MHz)	CTCSS		Identifier	Mobile Transmit (MHZ)	Mobile Receive (MHz)	CTCSS
NC 1 Calling	164.7125	169.5375	None		NC 2 Calling	419.2375	410.2375	None
IR1	165.2500	170.0125	As required		IR10	419.4375	410.4375	As required
IR2	165.9625	170.4125	As required		IR11	419.6375	410.6375	As required
IR3	166.5750	170.6875	As required		IR12	419.8375	410.8375	As required
IR4	167.3250	173.0375	As required		IR13	413.1875 (Simplex)	413.1875	As required
IR5	169.5375 (Simplex)	169.5375	As required		IR14	413.2125 (Simplex)	413.2125	As required
IR6	170.0125 (Simplex)	170.0125	As required		IR15	410.2375 (Simplex)	410.2375	As required
IR7	170.4125 (Simplex)	170.4125	As required		IR16	410.4375 (Simplex)	410.4375	As required
IR8	170.6875 (Simplex)	170.6875	As required		IR17	410.6375 (Simplex)	410.6375	As required
IR9	173.0375 (Simplex)	173.0375	As required		IR18	410.8375 (Simplex)	410.8375	As required

2.5.1 Law Enforcement Plans

1. Frequencies 167.0875 MHz and 414.0375 MHz are designed as National Calling Channels for initial contact and will be identified in the radio as indicated in the following table.
2. Initial contact communications will be established using analog FM emission (11KF3E).
3. The interoperable channels will be identified on portable and mobile radios as follows with Continuous Tone-Controlled Squelch Systems (CTCSS) frequency 167.9 Hz and/or Network Access Code (NAC) $68F.

2.5.2 Incident Response Plans

1. Frequencies 169.5375 MHz, paired with 164.7125 MHz, and 410.2374 MHz, paired with 419.2375 MHZ, are designed as the calling channels for initial contact and will be identified in the radio as indicated in the following table.
2. Initial contact will be established using analog FM emission (11KF3E).
3. To ensure access by stations from outside the normal area of operations, CTCSS will not be used on the calling channels.
4. The IR VHF and UHF Shared Frequencies are shown in the LE VHF and UHF Shared Frequencies (Mobile).

2.6 Mutual Aid Channels

2.6.1 800 MHz NPSPAC Interoperability Channel List / After Rebanding

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **800 MHZ**			Description **STATEWIDE CHANNEL PLAN** **(CSQ used in Northern Nevada)**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	8CALL90	Any Public Safety	851.01250	156.7	806.01250	156.7	A	
2	Repeater Pair	8CALL90D	Any Public Safety	851.01250	156.7	851.01250	156.7	A	
3	Repeater Pair	8TAC91	Any Public Safety	851.51250	156.7	806.51250	156.7	A	
4	Repeater Pair	8TAC91D	Any Public Safety	851.51250	156.7	851.51250	156.7	A	
5	Repeater Pair	8TAC92	Any Public Safety	852.01250	156.7	807.01250	156.7	A	
6	Simplex-base/MO	8TAC92D	Any Public Safety	852.01250	156.7	852.01250	156.7	A	
7	Simplex-base/MO	8TAC93	Any Public Safety	852.51250	156.7	807.51250	156.7	A	
8	Simplex-base/MO	8TAC93D	Any Public Safety	852.51250	156.7	852.51250	156.7	A	
9	Simplex-base/MO	8TAC94	Any Public Safety	853.01250	156.7	808.01250	156.7	A	
COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **800 MHZ**			Description **STATEWIDE CHANNEL PLAN**
10	Simplex-base/MO	8TAC94D	Any Public Safety	853.01250	156.7	853.01250	156.7	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an –N‖ or a –W‖, depending on whether the frequency is narrow or wide band. Mode refers to either –A‖ or –D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

2.6.2 800 MHz NPSPAC Interoperability Channel List

ICALL/ITAC Removed, Frequencies reassigned to commercial carrier.

2.6.3 VHF Non-Federal National Interoperability Channel List1

VHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF HIGHBAND**		Description **STATEWIDE CHANNEL PLAN**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Simplex-base/MO	VCALL10	Any Public Safety	155.7525N	None	Simplex	156.7	A	Usage Note 4, 8
2	Simplex-base/MO	VTAC11	Any Public Safety	151.1375N	None	Simplex	156.7	A	Usage Note 5, 8
3	Simplex-base/MO	VTAC12	Any Public Safety	154.4525N	None	Simplex	156.7	A	Usage Note 4, 5, 8
4	Simplex-base/MO	VTAC13	Any Public Safety	158.7375N	None	Simplex	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	VTAC14	Any Public Safety	159.4725N	None	Simplex	156.7	A	Usage Note 4, 5, 8
6									
7									

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

**All frequencies are narrowband (11K0F3E) only. Radio channel names as listed in this Table are required.

FCC mandate for narrowband effective January 1, 2013. Channels may be used in wideband prior to that date.

2.6.4 UHF Non-Federal National Interoperability Channel List

UHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **UHF HIGHBAND**	Description **STATEWIDE CHANNEL PLAN**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1	Repeater Pair	UCALL40	Any Public Safety	453.2125N	None	458.2125N	156.7	A	Usage Note 8
2	Repeater Pair	UTAC41	Any Public Safety	453.4625N	None	458.4625N	156.7	A	Usage Note 5, 8
3	Repeater Pair	UTAC42	Any Public Safety	453.7125N	None	458.7125N	156.7	A	Usage Note 5, 8
4	Repeater Pair	UTAC43	Any Public Safety	453.8625N	None	458.8625N	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	UCALL40D	Any Public Safety	453.2125N	None	Simplex	156.7	A	Usage Note 8
6	Simplex-base/MO	UTAC41D	Any Public Safety	453.4625N	None	Simplex		A	Usage Note 5, 8
7	Simplex-base/MO	UTAC42D	Any Public Safety	453.7125N	None	Simplex		A	Usage Note 5, 8
8	Simplex-base/MO	UTAC43D	Any Public Safety	453.8625N	None	Simplex		A	Usage Note 5, 8

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

2.7 Gateways

Gateway Name	Owning/Managing POC Information			Day-to-Day or Incident / Event	Make / Model	Fixed / Mobile	No. of Simultaneous Nets	No. of Ports
	Agency	Title	Phone					
City of Henderson (Police & Fire)					ACU-1000	Mobile		
City of Las Vegas (Fire)					ACU-1000	Mobile	6	12
City of Las Vegas (Fire)					ACU-1000	Fixed	6	12
Clark County Fire					ICRI	Mobile	2	4
Clark County IT Operations Center ACU-1000,	Clark County IT TELCOM Division			Incident/Event	ACU-1000	Fixed	12	12
Clark County IT Operations Center ACU-1000,	Clark County IT TELCOM Division			Incident/Event	ACU-1000	Mobile	12	12
CST	92nd Unit Nevada Army National Guard			Incident/Event	Incident Command Radio Interface (ICRI)	Mobile	2	4
CST	92nd Unit Nevada Army National Guard			Incident/Event	ACU-1000	Mobile	6	12
Federal Radiological Emergency Response Plan (FRMAC)	DOE			Radiological Event	ACU-1000	Mobile	7	12
North Las Vegas	North Las Vegas PD			Incident/Event	Infinimode	Mobile	8	24
UNLV PD	UNLV PD			Incident/Event	JPS ACU-1000	Fixed	6	12

2.8 Cache Radios

Radio Cache Name	Make / Model	Owning/Managing POC Information			Frequenc y Band	Fixed / Mobil
		Agency	Title	Phone		
Clark County OEM	Motorola HT-1000	Clark County Telecommunications IT	Telecommunications Technician	702-455-4746	VHF High	45
Clark County Fire	Motorola MTS-2000	Clark County Fire	Deputy Chief	702-455-7700	800 MHz	70
North Las Vegas PD	Motorola XTS-2500	North LV PD	Manager, Radio Systems Division	702-633-1713	800 MHz	30
North Las Vegas PD	Motorola XTS-5000	North LV PD	Manager, Radio Systems Division	702-633-1713	800 MHz	18
North Las Vegas PD	Motorola XTL-5000	North LV PD	Manager, Radio Systems Division	702-633-1713	800 MHz	2
North Las Vegas FD	Motorola XTS-5000	North LV FD	Asst. Fire Chief Operations	702-408-8713	800 MHz	18
Clark County Fire Mobile Communications Unit	Motorola	Clark County FD	Deputy Chief	702-455-7700		
METRO PD	M/A-COM	LVMPD	Commander, Radio Systems Bureau	702-300-1094	700/800 MHz	127
UNLV Department of Police Services	Ericsson LPE 200	UNLV Department of Police Services	Dispatch Manager	702-895-3668 ext 2	800 MHz	12
DOE	Motorola XTS-3000	DOE	Spectrum Manager	702-295-4766	406-420 MHz	15

2.9 Channels Programmed on North Las Vegas PD Radio Cache

Removed Fleet Map Table

2.10 Mobile Communication Units

Unit ID/ Designator	FEMA Type	Owing / Managing POC Information			Deployment Area
		Agency	Title	Phone	
FRMAC		DOE	Spectrum Manager	702-295-4766	Nationwide
North LV MCC	1	City of North LV PD	Radio Systems Division Manager	702-633-1390	Regional
Henderson MCU		Henderson PD and FD	Communications	702-267-4913	Regional
Clark County IT MCU	4	Clark County IT	Communications	702-455-4746	Regional
Southern Nevada Health District MCU	3	Southern Nevada Health District	Communications	702-759-1000	Regional
Clark County Coroner's Office	4	Clark County Coroner's Office	Communications	702-455-4533	Regional
Remote Communications Support Vehicle (SatCom)	4 pending to type 2	Nevada DPS	Communications	775-687-0300	Statewide
Clark County Fire MCU	2	Clark County Fire	Communications	702-229-0401	Regional
LV Fire and Rescue MCU	2	City of LV	Communications	702-229-0291	Regional
Nevada Highway Patrol (NHP) MCU	3	NHP	Communications	775-688-2830	Statewide
Southern Nevada Regional Transportation Commission MCU	4	Southern Nevada Regional Transportation Commission	Communications		Regional
Clark County School District Police MCU	3	Clark County School District	Communications		Regional
92nd CST MCU	3	National Guard	Communications		Statewide
Boulder City Fire MCU		Boulder City Fire	Communications	702-293-9224	Regional
FBI		FBI	Communications	702-385-1281	National
Nevada Task Force One Search and Rescue MCU	4	Clark County Fire/FEMA	Communications		Statewide
Clark County ARES/RACES MCU	4	LV Repeater Association	Communications	702-281-8894	Regional
LVMPD ARMOR Unit		LVMPD	Communications	702-	Regional

2.11 Dispatch Centers Points of Contact

Name	24/7 Contact	Organizations / Agencies Served
Communications Supervisor	(702) 828-7110	FBI Metro Park Police North Las Vegas Coroner Animal Control City/County NHP School Police City Marshals FD – Arson Investigators BLM City Enforcement Clark County IT
UNLV Police Services	(702) 895-2668 ext. 2	UNLV Police Services
Clark County Water Reclamation District	(702) 379-5116 (702) 354-9546	Clark County Water Reclamation District
Metropolitan Police Dispatch	Office 702-828-7172 Pager 702-730-2688	
North Las Vegas Police Dispatch	Office 702-633-1390	
City of Henderson Police and Fire Dispatch	Office 702-267-4902	
Boulder City Police and Fire Dispatch	Office 702-293-9258	
Clark County School District Police Dispatch	Office 702-799-5411	
Mesquite Police and Fire Dispatch	Office 702-346-6911	
Las Vegas Fire Alarm Office	Office 702-229-0237 Cell 702-303-2994	
City of Las Vegas Marshalls Dispatch	Office 702-229-1820	
City of Bullhead Police and Fire Dispatch	Office 928-763-3357	
Nevada DPS, Highway Patrol Division Dispatch	Office 702-486-4100, ext. 6	
Paiute Tribal Police Dispatch	Office 702-471-0844	
LVICC (Las Vegas Interagency Communications Center): Bureau of Land Management, US Forest Service, National Park Service, Nevada Division of Forestry	Office 702-515-5305 Cell 702-575-2960	
American Medical Response & MedicWest Ambulance Dispatch Centers	Office 702-250-0089	
University Medical Center	Office: 702-671-6567	

2.12 Agency 24/7 Contact Information for Public Safety Communications Centers

Agency	Phone 24/7
City of Boulder	
Boulder City Fire Department	(702) 293-9224
Boulder City Police Department	(702) 293-9224
City of Henderson	
Henderson Animal Control	(702) 267-4913
Henderson EOC	(702) 267-4913
Henderson Fire Department	(702) 267-4913
Henderson Police Department	(702) 267-4913
City of Las Vegas	
Las Vegas Animal Control	(702) 229-6480
Las Vegas Code Enforcement	(702) xxx-xxxx
Las Vegas Department of Transportation	(702) xxx-xxxx
Las Vegas Detention and Enforcement	(702) 229-6444
Las Vegas EOC	(702) xxx-xxxx
Las Vegas Facilities Maintenance	(702) 229-0291
Las Vegas Fire Rescue	(702) 229-0291
Las Vegas Fleet	(702) 229-0291
Las Vegas General Services	(702) xxx-xxxx
Las Vegas IT	(702) 229-6294
Las Vegas Municipal Court Marshals	(702) 229-2048
Las Vegas OEM	(702) xxx-xxxx
Las Vegas Parks and Recreation	(702) 229-0291
Las Vegas Sanitation	(702) 229-0291
Las Vegas Streets	(702) 229-0291
Las Vegas TEFO	(702) 229-0291
City of Mesquite	
Mesquite Fire	(702) 346-6911
Mesquite OEM	(702) 346-6911
Mesquite Police	(702) 346-6911
City of North Las Vegas	
North Las Vegas Fire Department, Fire Alarm Office	(702) 229-0291
North Las Vegas OEM	(702) 633-1125
North Las Vegas Police Department	(702) 633-1390
North Las Vegas – All Other Departments	(702) 633-1390
Clark County	
Clark County Air Quality Control	(702) 455-5942
Clark County Animal Control	(702) 455-7710
Clark County ARES/RACES	(702) 281-8894
Clark County Automotive	(702) 455-7710
Clark County Code Enforcement	(702) 455-4191
Clark County Code Enforcement	(702) 455-3210
Clark County Coroners Office	(702) 455-4533
Clark County Courthouse Bailiffs	(702) 455-4750
Clark County DA	(702) 455-2194
Clark County Department of Family Youth Services (DFY) Bailiffs	(702) 455-2194
Clark County Dept. of Aviation	(702) 261-4010
Clark County Detention Center	(702) 671-5772
Clark County Fire Department	(702) 229-0401
Clark County Flood Control	(702) 455-3139
Clark County IT	(702) 455-3282
Clark County Telecomm	(702) 455-4746
Clark County Justice Bailiffs	(702) 671-3116
Clark County OEM	(702) 229-0401
Clark County Park Police	(702) 455-7532
Clark County Parks & Recreation	(702) 455-8200
Clark County Public Works Roads	(702) 455-7540

Agency	Phone 24/7
Clark County Public Works Traffic	(702) 455-7544
Clark County Risk Management	(702) 455-8587
Clark County Security	(702) 455-5911
Clark County Sheriff's Civil Bureau	(702) 671-5842
Clark County Spring Mountain Youth Camp	(702) 455-5555
Other Agencies and/or Jurisdictions	
American Medical Response (AMR)	(702) 384-3400
American Red Cross	(702) 791-3311
Clark County School District Facilities Division	(702) 799-5411
Clark County School District KLVX Communications Group	(702) 799-5411
Clark County School District Police Department	(702) 799-4357
Clark County School District Transportation Department	(702) 799-5411
Clark County Water Reclamation District	(702) 434-6600
Fire Alarm Office Supervisor - Las Vegas	(702) 229-0407
Las Vegas Convention and Visitors Authority	(702) 892-7400
Las Vegas Metropolitan Police Department	(702) 229-3111
Las Vegas Metropolitan Police Department. (LVMPD)	(702) 229-3111
Las Vegas Paiute Tribal Police Department	(702) 229-3111
Las Vegas Valley Water District	(702) 258-3150
MedicWest Ambulance	(702) 792-9111
Mercy Airlife Air Ambulance	(702) 383-1000
Nevada Power	(702) 367-5555
Regional Flood Control District	(702) 455-3139
Regional Transportation Commission	(702) 914-0742
Southern Nevada Area Communications Council (SNACC)	(702) 455-7390 (702) 379-1917
Southern Nevada Health District	(702) 759-1000
Southwest Gas	(702) 365-1111
Tribal Police Department	(702) xxx-xxxx
Union Pacific Railroad (UP)	(888) 877-7267
Regional Hospitals	
Boulder City Hospital	(702) 293-4111
Centennial Hills Hospital	(702) 360-9040
Desert Springs	(702) 733-8800
Mesa View	(702) 346-8040
Mountain View	(702) 255-5025
North Vista Hospital	(702) 649-7711
O'Callaghan Federal Hospital	(702) 653-2343
Southern Hills	(702) 880-2100
Spring Valley Hospital	(702) 853-3000
St. Rose Dominican de Lima	(702) 616-5000
St. Rose Dominican San Martin	(702) 492-8000
St. Rose Dominican Siena	(702) 616-5000
Summerlin Medical Center	(702) 233-7000
Sunrise Hospital	(702) 731-8000
University Medical Center	(702) 383-2000
Valley Hospital	(702) 388-4000
Nevada State Agencies	
Nevada Air National Guard	(775) 688-2830
Nevada Army National Guard	(775) 688-2830
Nevada Department of Information Technology	(775) 688-2830
Nevada Department of Public Safety (Capitol Police, Highway Patrol, Investigation, Parole & Probation)	(702) 486-4100
Nevada Department of Wildlife	(775) 688-2830
Nevada Division of Emergency Management (DPS)	(775) 687-0300
Nevada Division of Forestry	(775) 688-2830
Nevada DOT (Las Vegas)	(702) 385-6594

Agency	Phone 24/7
Nevada Taxi Cab Authority	(702)
U.S. Government Agencies	
Bureau of Land Management (BLM)	(702) 631-2350
Federal Bureau of Investigation	(702) 385-1281
Nellis AFB Fire Department	(702) 652-1110
Nellis AFB EOD	(702) 652-1110
U.S. Forest Service	(702) 293-8932
U.S. National Park Service	(202) 208-6843
U.S. Bureau of Reclamation	(202) 513-0501
U.S. Department of Energy	(702) 295-3521
U.S. Postal Inspectors	(626) 405-1200
U.S. Secret Service	(202) 406-5708
U.S. Marshals Office	(702) 388-6355
U.S. Immigration and Customs Enforcement	(202) 305-2734
Bureau of Indian Affairs	(202)208-7163
Bureau of Alcohol, Tobacco, Firearms, and Explosives	(702) 387-4600
U.S. Drug Enforcement Agency (DEA)	(202) 305-8500
U.S. Parole and Probation	(301) 492-5990
Federal Aviation Administration	(866) 835-5322
U.S. Transportation Security Administration	(866) 289-9673

NEViFOG Northeast Region

March 2012

3 Northeast Nevada Region Information

Refer to the Northeast Nevada Regional Tactical Interoperable Communications plan for additional information on all interoperable communications assets in the area. Refer to regional Standard Operating Procedures (SOPs) for policies and procedures on asset usage.

3.1 General Rules of Use for All Interoperability Assets

- **National Incident Management System** – Use an Incident Command System (ICS) compliant with the National Incident Management System (NIMS) when using any regional interoperability resource.
- **Plain Language (Common Terminology)** – All interoperable communications during multi-agency, multi-discipline incidents will be in plain language. Avoid using radio codes, acronyms, and abbreviations as they may cause confusion between agencies. Ensure that all verbal requests for assistance or backup specify the reason for the request.
- **Unit Identification** – Announce your home agency prior to announcing your unit identifier during interoperable communication situations. (i.e., -North Las Vegas PD 2D3‖, -Clark County Fire Engine 18‖)
- **National Response Framework** – Under the National Response Framework, ICS forms will be used for all appropriate documentation.

Applies to gateways only

- **Encryption** – All encrypted radios users must operate in a -clear‖ mode when a gateway is used, unless otherwise arranged in advance. Never assume encryption carries across the gateway.

- **Monitoring** – The system owner and/or the Incident Commander, or their designee, will ensure that each activated interoperability channel is monitored while in use if the capability exists.

Applies to cache radios and MCUs only

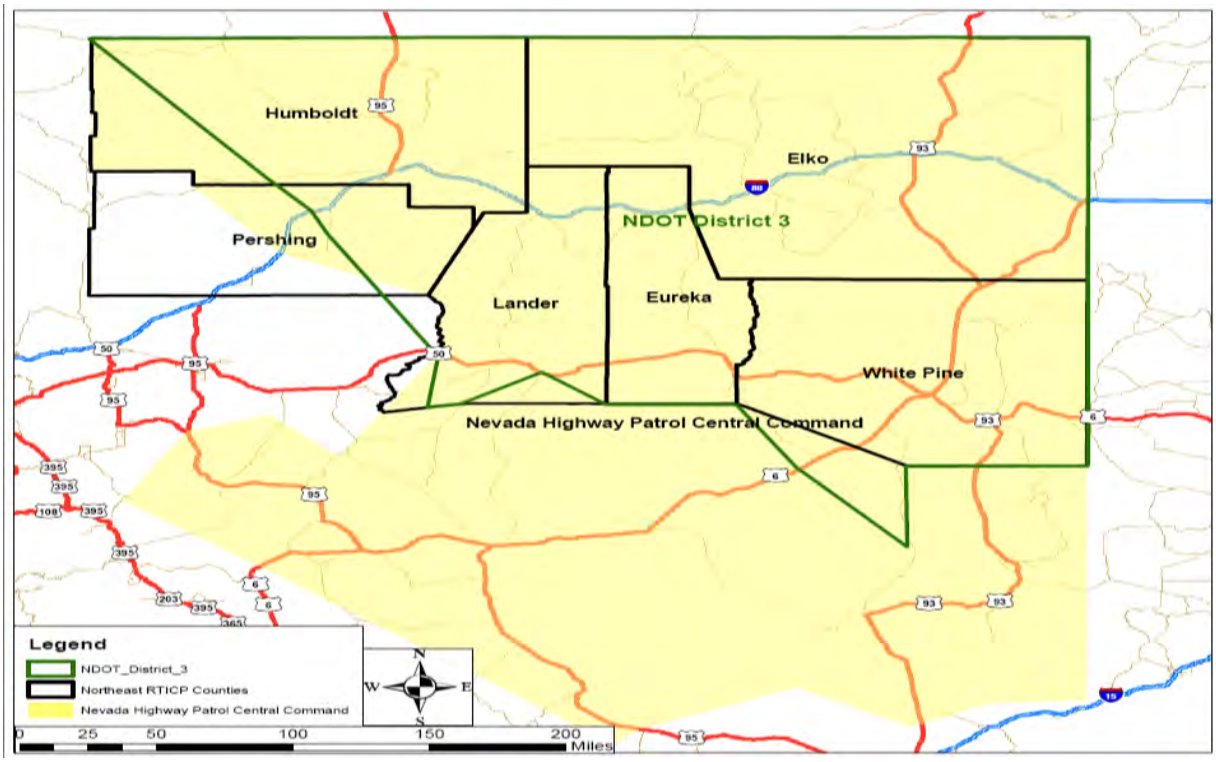
- **Equipment Return** – The requesting agency is responsible for the return of any cache radios/MCUs/equipment in the condition that they were received. Responsibilities for lost or damaged equipment lie with the appropriate agency as dictated by existing Memoranda of Agreement (MOAs).

3.2 Map – Regional Boundaries

The Northeast Nevada region covered by this plan consists of Elko, Humboldt, Pershing, Lander, Eureka, and White Pine Counties and an area roughly defined as District 3 by the Nevada Department of Transportation's region classifications and by the area of the Central Command of the DPS Highway Patrol Division Central Command as illustrated in Figure 1. Northeast Nevada falls under Federal Emergency Management agency (FEMA) Region 9.

Figure 2 Northeast Nevada Regional Map

Although there are currently four major trunked radio systems in Nevada: Nevada Shared Radio System (NSRS), Las Vegas



Metro, Southern Nevada Area Communications Council (SNACC), and the Washoe County Regional Communications Systems (WCRCS), the Northeast portion of Nevada has interoperable connectivity only with the NSRS.

Elko County assets serve as the core system for neighboring rural entities. Elko County is the third largest population center in the state of Nevada. It is the 4th largest county in our nation and borders the states of Idaho and Utah. Extensive upgrades are currently being assessed in order to provide connectivity to other rural entities.

Although there is operational radio interoperability among the agencies of a given core radio system, there is limited operational radio interoperability between all of these Northeastern Nevada systems. Because of limited up-to-date infrastructure, Elko County and other rural systems lack the ability to make connections to the core systems at this time. This limitation provides very limited interoperability between various agencies of one system and agencies of the other systems while responding to major incidents requiring significant first responder resources such as Fire, Police (city, county and state), Mining Company Emergency Response and Security, Tribal Police, Casino Security, Emergency Medical, Federal and multiple Regional Dispatch Centers.

3.3 Shared Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning/Managing POC Information			Service Area
				Agency	Title	Phone	
TRUNKED SYSTEMS							
NSRS	Tyco Electronics	EDACS	800 MHz	Department of Transportation	NDOT District 3 Communications Supervisor	775- 777-2748	Statewide
CONVENTIONAL SYSTEMS							
Elko County VHF Public Safety	Motorola	Conventional	VHF	Elko County Sheriff's Office			Elko County
Eureka County VHF Public Safety		Conventional	VHF	Eureka County			Eureka County
Humboldt County VHF Public Safety		Conventional	VHF	Humboldt County			Humboldt County
Lander VHF Public Safety		Conventional	VHF	Lander County			Lander County
Pershing County VHF		Conventional	VHF	Pershing County			Pershing County
White Pine County VHF		Conventional	VHF	White Pine County			White Pine County
Nevada Division of Forestry (NDF) VHF	Mixed	Conventional	VHF	NDF			Regional
Nevada Department of Wildlife (NDOW) VHF	Mixed	Conventional	VHF	NDOW			Statewide
Nevada Division of State Parks VHF	Mixed	Conventional	VHF	NDSP			Statewide

3.3.1 NSRS Shared Talkgroups

Group Name	Primary Use	Agencies Supported	Band
Elko Law	Law Enforcement Interoperability	NHP - Elko Central Dispatch	800 MHz
Elko Operations	Public Works Interoperability	NDOT - Other NDOT Districts	800 MHz
Elko TAC3	NDOT Interoperability	NHP - NDOT	800 MHz
Ely Law	Law Enforcement Interoperability	White Pine County Dispatch	800 MHz
Winnemucca Law	Law Enforcement Interoperability	Humboldt County Dispatch	800 MHz
State Mutual Aid 3	Law Enforcement Interoperability	State Emergency Operations Center	800 MHz

3.4 Shared Channels

3.4.1 Elko County VHF Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Elko County VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		Rocky	Elko County Sheriff	155.0550	CSQ	154.0400	100.0	A	Dispatch Monitored
2		Elko Mtn.	Elko County Sheriff	155.0550	CSQ	154.0400	107.2	A	Dispatch Monitored
3		Ellen Dee	Elko County Sheriff	155.0550	CSQ	154.0400	127.3	A	Dispatch Monitored
4		Marys Mtn.	Elko County Sheriff	155.0550	CSQ	154.0400	141.3	A	Dispatch Monitored
5		Spruce Mtn.	Elko County Sheriff	155.0550	CSQ	154.0400	173.8	A	Dispatch Monitored
6		Penn Hill	Elko County Sheriff	155.0550	CSQ	154.0400	114.8	A	Dispatch Monitored
7		Deer Mountain	Elko County Sheriff	155.0550	CSQ	154.0400	151.4	A	Dispatch Monitored
8		3 Mile	Elko County Sheriff	155.0550	CSQ	154.0400	82.5	A	Dispatch Monitored
9		Carlin Fire	Carlin Fire	154.2050	110.9	150.8050	110.9	A	
10		County Roads	Elko County Roads	155.7600	146.2	155.1150	146.2	A	
11		Elko Mtn.	City of Elko Fire	154.1300		156.0000	156.7	A	
12		Elko Ambulance	Elko County Ambulance	155.6700	82.5	158.8500	82.5	A	
13		Elko Sheriff Posse	Elko Sheriff Posse	155.5500	123.0	155.5500	123.00	A	
14		SO Tac	Elko County Sheriff Tac	153.7400	162.2	153.7400	162.2	A	
15		Elko County Jail	Elko County Jail	155.5650	131.8	155.5650	131.8	A	
16		Elko PD	City of Elko PD	154.8450	103.5	158.7300	103.5	A	Dispatch Monitored
17		Elko PD Tac	City of Elko Tac	155.9400	103.5	155.9400	103.5	A	
18		Wendover PD	City of West Wendover PD	154.7400	CSQ	159.2100	100.0	A	
19		Elko Fire	Elko Fire Tac	154.1300	CSQ	154.1300	156.7	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Elko County Sheriff's system includes the 155.0550 / 154.0400 frequency pair at Rocky, Elko Mtn., Ellen Dee, Mary's Mtn., Spruce, Penn Hill, Deer and 3 Mile. The additional channels are other VHF channels used by agencies in Elko County and in the incorporated cities in Elko County.

The Elko County Conventional system is primarily used by the Sheriff. The System is an 8 site VHF system on a single repeated channel with different PL tones for each site. The sites are connected via microwave and are linked back to Central Dispatch. This system also supports the City of Carlin PD, and Elko County Juvenile Probation.

Elko County Ambulance has a single VHF repeater on Twin West and they use an aging UHF system that is no longer meeting the agencies needs. They will be moving to the Nevada Shared Radio System (NSRS) in early 2010. Elko County Fire uses the Nevada Division of Forestry VHF system.

Elko County Highway Department has a single VHF repeater on Elko Mtn. When traveling in areas outside the Elko Mtn coverage area they often use the Sheriff's VHF system. The Highway Department repeater on Elko Mtn is shared with Elko County Public Works and they also use the Sheriff's system when outside the Elko Mtn coverage area.

The City of Elko and the City of West Wendover have their own VHF repeated communication systems.

3.4.2 Eureka County VHF Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Eureka County VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		C2C		155.0700	Off	155.0700	Off	A	Dispatch Monitored
2		Prosp		155.0700	Off	155.7900	100.0	A	Dispatch Monitored
3		Tenabo		155.0700	Off	155.7900	131.8	A	Dispatch Monitored
4		Marys		155.0700	Off	155.7900	114.8	A	Dispatch Monitored
5		Road-L		155.7450	Off	155.7450	Off	A	Dispatch Monitored
6		Road-P		155.7450	Off	158.8650	179.9	A	Dispatch Monitored
7		Road-M		155.7450	Off	158.9850	179.9	A	Dispatch Monitored
8		EUFIRE		154.1300	Off	154.1300	Off	A	Dispatch Monitored
9		EMS		155.1600	Off	155.1600	Off	A	Dispatch Monitored
10		NDF-L		158.8950	Off	158.8950	Off	A	
10		NDF-P		158.8950	Off	159.4500	107.2	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Sheriff's Office radios are programmed with their frequencies, White Pine, Lander and Elko Counties, Carlin PD, NDF frequencies, BLM, Union Pacific Railroad, Public Works, Nevada Fire channels, federal air to ground, and NOAA weather channel.
The fire agencies have the regional NDF and the statewide NDF frequencies, as well as the statewide fire channels and VTAC. The volunteers have the local channels, NDF, BLM, federal channels and NOAA.
EMS radios are programmed the same as the Sheriff's Office radios. Some also have BLM frequencies. Public Works radios have their frequencies, the Sheriff's frequencies, NDF, BLM and NOAA.

The Eureka County VHF system is primarily used by the Eureka County Sheriff's Office. The system has three mountain top repeater sites: Prospect Peak, Tenabo and Mary's Mtn. PL tones are used to select the appropriate mountain top repeater. The Sheriff has an additional car- to-car frequency.

Fire is dispatched out of three dispatch centers: Eureka County Sheriff's Office Dispatch, NDF Dispatch in Elko, and BLM Dispatch in Winnemucca. The Sheriff's Office dispatch center will assist with the tone out of the volunteers. In the north end of the county, fire users switch to NDF frequencies for command and tactical. In the south end of the county, they stay on the Sheriff's Office frequencies.

The Roads Department has a repeater site and uses a simplex frequency for local communication.

EMS remains on the Sheriff's frequencies. The Statewide EMS is changing to 800 MHz and going onto the statewide radio system.

3.4.3 Humboldt County VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Humboldt County VHF Public Safety Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		Local 2 Rptr		155.7450	167.9	153.8750	167.9	A	
2		BS Channel		155.3100	Off	155.3100	Off	A	
3		Trident Rptr		155.6250	100.0	155.0100	131.8	A	
4		Blue Mtn Rptr		155.6250	127.9	155.0100	131.8	A	
5		Buckskin Rptr		155.6250	110.9	155.0100	131.8	A	
6		Golconda Rptr		155.6250	114.8	155.0100	131.8	A	
7		Hycroft Rptr		155.6250	141.3	155.0100	131.8	A	
8		Local Fire		153.7700	100.0	153.7700	100.0	A	
9		Rural Fire Rptr		155.0850	100.0	155.8800	100.0	A	
10		Trident Rptr		153.7700	100.0	154.4150	100.0	A	
11		Golconda Rptr		153.7700	114.8	154.4150	100.0	A	
12		Fire Car/Car		153.7700	Off	153.7700	Off	A	
13		Golconda Tac 1		153.9800	123.0	155.8050	123.0	A	
14		Golconda Tac 2		153.9650	141.3	155.9400	141.3	A	
15		Mutual Aid		155.4750	Off	155.4750	Off	A	
16		Mutual Aid SR		155.1600	Off	155.1600	Off	A	
17		Mutual Aid ICS		156.0750	Off	156.0750	Off	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Fire radios and HCSO are programmed with 2 Mutual Aid frequencies. The Fire radios are also programmed with Fire White 1 & 2, BLM, USFS and NDF frequencies. The BLM frequencies are narrowband.

NDI (Nevada Division of Investigation) has a tri-county Narcotics Task Force in the area. These radios are programmed with the local and most mountain top repeater frequencies. These radios are P25 capable, and will be using encryption soon.

The County is building out a microwave/mesh network. They have 8 wireless mess locations covering the center of the Town to Grass Valley and the airport. They have plans to build out more mesh networks throughout the county with more repeater hops. The main application is for downloading video data from the in-vehicle camera.

The Humboldt County VHF system is primarily used by the Sheriff. The system consists of a single frequency pair licensed by the Sheriff's Office at the following repeater sites: Trident, Blue Mountain, Buckskin, Golconda Summit, Hycroft, and Saipan. PL tones are used to activate the repeaters. The sites are linked via microwave to the Humboldt County dispatch center. The Sheriff's Office is licensed for a second local repeater pair used by law enforcement and fire located on Winnemucca Mountain.

The Sheriff's system is also used by the Winnemucca Police Department, and the Bureau of Indian affairs (BIA). The rural fire has a local repeater frequency pair at Winnemucca Mtn. They also have a frequency pair located at the following repeater sites: Trident and Golconda. There are also two Golconda repeater tactical frequency pairs.

3.4.4 Lander County VHF Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Lander County VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		Lander Co 1		154.8150				A	
2		Lander Co Sheriff 1		155.1300	100.0			A	
3		Lander Co Sheriff 2		155.8650	Off			A	
4		Lander Co Sheriff 3		155.8950	179.9			A	
5		Lander Co Sheriff 4		158.7600	Off			A	
6		Lander Co Roads		156.2250	Off			A	
The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.									

NOTE:

The Fire and EMS radios are programmed with their own tactical frequency, Sheriff's Office frequency, as well as BLM, USFS, NDF, and the White Fire and Red frequencies.

The Lander County VHF system has a single VHF channel using different PL tones with repeater sites on Mt. Lewis, Bunker, Austin, Mount Tonabo, and a local Battle Mountain site. None of the mountain sites are linked together with microwave with the exception of Mt. Lewis. Using the Lewis site, dispatch can access Tonabo, Buker and Austin using separate PL tones. Most of the agencies in the County use the Sheriff's VHF system.

3.4.5 Pershing County VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Pershing County VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		Local		154.4300		154.4300		A	
2		Toulon Peak		154.4300		153.8900		A	
3		Mount Moses		154.9650		155.8300	114.8	A	
4		Winnemucca Mtn.		154.9650	100	155.8300	100.0	A	
5		Toulon Peak		154.9650	179.9	155.8300	167.9	A	
6		Local		154.9650	167.9	154.9650	167.9	A	
7		Dispatch		155.4300				A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The radios used by the County can hold approximately 100 channels. They are programmed with the channels for all the counties in the state using VHF, as well as mutual aid, NDOW, State Parks, NDF, and BLM.

The county also has a mobile repeater for temporary coverage. It has batteries and solar power. It is used for Burning Man, which occurs in the Black Rock Desert in northwest Pershing County. The County Sheriff's Office is responsible for law enforcement at Burning Man. It requires 8 people for 11 – 14 days.

The Pershing County Sheriff's Office has one channel (frequency pair) on three repeater sites: Toulon, Winnemucca, and Mt. Moses. The dispatch center has a 900 MHz microwave to the base station on Toulon. One frequency is also used local (simplex), and there is an additional simplex frequency used car-to-car. The fire department uses the Sheriff's frequencies. Lovelock Police Department also has a car-to-car frequency.

3.4.6 White Pine County VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **White Pine County VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		Victoria (Bald) Mt		155.8050	100.0	155.1000	100.0	A	Monitored Dispatch
2		Kimberly Pk		155.8050	127.3	155.1000	127.3	A	Monitored Dispatch
3		Cave Mtn		155.8050	114.8	155.1000	114.8	A	Monitored Dispatch
4		White Pine SO C/C		155.1000	Off	155.1000	Off	A	
5		Ely FD		154.4000	Off	154.4000	Off	A	Monitored Dispatch
6		Mutual Aid		155.4750	Off	155.4750	Off	A	
7		Local		159.1800		159.1800		A	
8		Kimberly Pk		159.1800		153.9650		A	
9		Cave Mtn.		159.1800		153.9650		A	
10		Kings Mtn.		159.1800		153.9650		A	
11		Currant Summit		159.1800		153.9650		A	
12		McGill		159.1800		153.9650		A	
13		Victoria (Bald) Mtn.		159.1800		153.9650		A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Sheriff's Office radios are programmed with their frequencies and repeater sites, as well as the following: state wide mutual aid channel; Ely Fire Department; the main frequencies for the surrounding counties of Lincoln, Eureka, Nye, Elko; Millard and Juab Counties in Utah, and the local frequencies for State Parks, NDF, NDOW, NHP, BLM, and USFS-Humboldt; and the Weather.

The White Pine County Fire District has recently formed its own fire district. Previously fire services were managed by the Nevada Division of Forestry out of Elko.

The fire radios are programmed with the state mutual aid frequency, BLM scene of action frequencies, Fire White 1, 2, 3 and 7 state TAC frequencies. They have been informed that they are not authorized to use NDF frequencies, so these have been removed from the radios.

Other fire departments programmed into the radios include Ely, Wendover, Wells, Elko, Eureka, Tonopah, Pioche, Caliente, Panaca, and Alamo in Nevada, as well as Garrison and Eskdale in Utah. The radios are also programmed with the following laws enforcement channels: Elko, Eureka, White Pine, Nye, and Lincoln Counties in Nevada, and Millard County in Utah.

The Sheriff's Office is licensed to operate on a channel (two frequencies) at three repeater sites: Kimberly, Cave Mountain, and Victoria Park. The sites are not connected via microwave. The repeater transmit frequency also is used in simplex mode by the mobiles. The Sheriff also uses another simplex frequency for tactical operations.

The Sheriff's frequencies are also used by: Search and Rescue, the jail, the court bailiffs (simplex frequency), and the juvenile probation officers. The following tribal police departments are also dispatched on the Sheriff's frequency: Ely-Shoshone, Duck Water Shoshone, and Ghoshute.

An additional VHF conventional system is used in the County by the White Pine Fire District. The system has repeaters on Kimberly, Cave Mtn., McGill, Currant, and Kings in Utah. They are waiting approval for two more sites – Victoria and Timber Mtn. White Pine EMS operates on the fire frequencies.

3.4.7 NDF VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDF VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		NDF Main		158.8950	Off	158.8950	Off	A	Monitored Dispatch
2		NDF Red		159.3450	Off	159.3450	Off	A	Monitored Dispatch
NORTHERN									
3		McClellan Peak		158.895		159.4500	107.2	A	
4		Peavine Peak		158.895		159.4500	118.8	A	
5		Snow Valley		158.895		159.4500	127.3	A	
6		Pine Nut		158.895		159.4500	136.5	A	
7		Eagle Peak		158.895		159.4500	146.2	A	
8		Virginia Peak		158.895		159.4500	94.8	A	
WESTERN									
9		Penn Hill		158.895		159.4500	107.2	A	Monitored Dispatch
10		Knoll Mtn		158.895		159.4500	118.8	A	Monitored Dispatch
11		Elko Mtn		158.895		159.4500	127.3	A	Monitored Dispatch
12		Marys Mt		158.895		159.4500	118.8	A	Monitored Dispatch
13		Gamble Ranch		158.895		159.4500	136.5	A	Monitored Dispatch
14		Mt. Tenabo		158.895		159.4500	136.5		Monitored Dispatch
15		Spruce Mtn		158.895		159.4500	146.2	A	Monitored Dispatch
16		Rocky Point		158.895		159.4500	94.8	A	Monitored Dispatch
17		Deer Mtn		158.895		159.4500	88.5	A	Monitored Dispatch
18		Kimberly		158.895		159.4500	100.0	A	Monitored Dispatch
19		Cave Mtn		158.895		159.4500	88.5	A	Monitored Dispatch
20		McGill		158.895		159.4500	136.5		Monitored Dispatch
21		Currant Mtn		158.895		159.4500	94.8	A	Monitored Dispatch
22		Kings Mtn		158.895		159.4500	136.5	A	Monitored Dispatch
23		Prospect Pk		158.895		159.4500	107.2	A	Monitored Dispatch
24		Winnemucca Mtn		158.895		159.4500	88.5	A	Monitored Dispatch

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDF VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
25		Maggies Peak		158.895		159.4500	Off	A	Monitored Dispatch
26		Star Peak		158.895		159.4500	Off		Monitored Dispatch

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The subscriber equipment is programmed with NDF frequencies, USFS, BLM, aviation (air to ground) and frequencies of county and city cooperators. The radios are also programmed with the Fire White 1 - 4 and Red 1 - 4 tactical channels.

NDOW and State Parks radios are programmed with NDF frequencies. Cooperators also program their radios with NDF frequencies.

They have one command trailer they share with State Parks. It is equipped with 2 NDF mobiles, 2 State Parks mobiles, whip antennas, router for networking and Ethernet available, generator, air conditioning, galley, restroom facilities, and a conference room. Dispatch should be contacted for deployment.

The NDF radio system consists of one frequency pair accessed via different PL tones. There are 36 repeaters and base stations. The Tonopah subgroup of repeaters uses a different repeater pair than the other sites. 5 Daniels repeaters and 5 Motorola repeaters are digital / narrowband capable. The other 26 Daniels repeaters are analog.

The main radios (base stations) are on McClellan Mt. (Reno, Carson City), Angel Peak (Las Vegas), Montezuma Peak (Tonopah), Winnemucca Mt. (Winnemucca), Elko Mt. (Elko), and Cave Mt. (Ely). The main radios are microwaved to the Minden and Elko Dispatch centers. The base stations are able to pick up every repeater. The NDF sites are either located in DoIT shelters, co-located with BLM or USFS sites, or arrangements have been made with private entities.

There are two dispatch centers: The Sierra Front Interagency Dispatch in Minden and the Elko Interagency Dispatch Center. Elko dispatch controls the radios in Elko, Humboldt, and White Pine County, Lander and Eureka Counties. Minden has the responsibility for the rest of the NDF radio system in the state. The two dispatch centers are co-located with BLM and USFS. The Interagency Dispatch Center in Elko dispatches for numerous federal, state, and tribal wildland fire agencies and all-risk activities for Elko County for NDF.

Central Dispatch is collocated in the same building but is a completely separate entity that serves as the 911 / PSAP for Elko County.

3.4.8 NDOW VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDOW VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
WESTERN									
1		Virginia Peak Rptr		151.1600	123.0	151.4750	67.0	A	Monitored Dispatch
2		Fox Mtn		151.1600	94.8	151.4750	67.0	A	Monitored Dispatch
3		Snow Valley		151.1600	117.8	151.4750	67.0	A	Monitored Dispatch
4		Cory Peak		151.1600	85.4	151.4750	67.0	A	Monitored Dispatch
5		Winnemucca Mtn rpt		151.1600	123.0	151.4750	110.9	A	Monitored Dispatch
6		Maggie Peak		151.4900	88.5	151.1600	173.8	A	Monitored Dispatch
EASTERN									
7		Elko Mtn Rpt		151.1600	123.0	151.4750	74.4	A	Monitored Dispatch
8		Spruce Mtn		151.1600	97.4	151.4750	74.4	A	Monitored Dispatch
9		Knoll Mtn		151.1600	85.4	151.4750	74.4	A	Monitored Dispatch
10		Jacks Peak		151.1600	100.0	151.4750	74.4	A	Monitored Dispatch
11		Mt Moses		151.1600	203.5	151.4750	74.4	A	Monitored Dispatch
12		Mt Lewis		151.1600	203.5	151.4750	74.4	A	Monitored Dispatch
13		Austin Pk		151.1600	103.5	151.4750	74.4	A	Monitored Dispatch
14		Deer Mtn		151.1600	203.5	151.4750	74.4		Monitored Dispatch
15		Cave Mtn Rpt		158.895		159.4500	146.2	A	Monitored Dispatch
16		Prospect Peak		158.895		159.4500	94.8	A	Monitored Dispatch
17		Currant		158.895		159.4500	88.5	A	Monitored Dispatch
SOUTHERN									
18		Angels Pk Rpt		151.1600	123.0	151.4750	79.7	A	Monitored Dispatch
19		Highland Peak		151.1600	88.5	151.4750	79.7	A	Monitored Dispatch
20		Mt Perkins		151.1600	94.8	151.4750	79.7		Monitored Dispatch
21		DRI Mtn		151.1600	107.2	151.4750	79.7	A	Monitored Dispatch

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDOW VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
22		Mt Wilson		151.1600	85.4	151.4750	79.7	A	Monitored Dispatch
23		Montezuma Pk Rpt		151.1600	123.0	151.4750	79.7	A	Monitored Dispatch

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

NDOW is also licensed for two mobile simplex frequencies used statewide.
All radios, both mobiles and portables, are programmed with VHF frequencies for the following agencies:

- Nevada Department of Forestry
- Nevada State Parks
- All Sheriffs' frequencies except Washoe County, Clark County and Metro Las Vegas
- Washoe Search and Rescue
- NPS
- BLM
- U.S. Forest Service
- U.S. Fish and Wildlife
- Fish and Game agencies from California, Idaho, Utah, and Arizona. These agencies also have NDOW frequencies.

NDOW has three regions. Each region has two areas, each equipped with a base station at a repeater site; each area has several repeaters. NDOW has two repeater frequencies – one for repeater transmit and the other for mobile/portable transmit. PL tones transmitted from the base station provide repeater steering. Radio users provide their ID number and their repeater site when communicating. The dispatchers then select the appropriate repeater for transmit. The dispatch center is linked to the base stations via a T1 to Highway Patrol, and then onto the DoIT microwave.

The base stations, and most of the repeaters, are located at DoIT shelters present at the sites. The dispatch center is located in Reno and dispatches statewide for the agency. They support BLM and the U.S. Forest Service for law enforcement dispatch. They support air operations, performing hourly checks or whatever is required. The dispatch center is open from 6:00 A.M. until 11:00 P.M.

3.4.9 Nevada State Parks VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Nevada State Parks VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		SP-1 Snow Valley Peak		151.3400	None	159.3750	131.8	A	
2		SP-1 Squaw Peak		151.3400	None	159.3750	131.8	A	
3		SP-1 Highland Peak		151.3400	None	159.3750	131.8	A	
4		SP-1 Apex		151.3400	None	159.3750	131.8	A	
5		SP-2		151.3400	None	151.3400	131.8	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Nevada State Parks VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
		Simplex Channel							
6		SP-3 Simplex Channel		151.2950	None	151.2950	131.8	A	
7		SP-4 Lahontan SRA		151.3400	None	159.3750	114.8	A	
8		SP-4 Spring Mtn Ranch SP		151.3400	None	159.3750	114.8	A	
9		SP-4 Valley of Fire SP		151.3400	None	159.3750	114.8	A	
10		SP-4 Sand Harbor SP		151.3400	None	159.3750	114.8	A	
11		SP-5 Future Use		151.3400	None	159.3750	100.0	A	
12		SP-6 Mt Perkins, AZ		151.3400	None	159.3750	88.5	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

Nevada Division of State Parks is dispatched by Nevada DPS. Because they are dispatched by DPS, they have 41 800 MHz mobiles and 41 800 MHz portables.

State Park Police Officers have interoperability with the following agencies via channels programmed into their radios: NDF, NDOW, BLM, USFS, NPS, and Sheriff's Offices and local Fire Departments in counties where State Parks are located. Their radios are also programmed with the State and Federal Mutual Aid Channels, White Fire 1 & 2, and National SAR.

NDSP uses open receive on its base stations, mobile, and portable radios but transmits the tones to accommodate co-operators that have toned the NDSP channels in their radios

State Parks has 9 repeater sites: 6 high level sites and 3 low level sites. The repeater sites are not linked. The low level sites are located in state parks to enhance coverage. There are also 35 base stations, one in each State Park. State Parks is comprised of two regions – Northern and Southern, with 24 parks in 13 of the 17 Nevada counties. Only Storey, Lander, Eureka. And Esmeralda Counties do not have state parks.

State Parks has 3 VHF frequencies licensed as statewide mobile channels. DPS provides dispatch for all but one State Park. The DPS Dispatch Centers are located in Las Vegas, Carson City and Elko. Lyon County Sheriff's Office provides dispatch for Lahontan State Recreation Area.

3.4.10 Nevada Tactical Crossband Repeaters

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**		
1		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
2		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
3		NTAC18		159.0525	CSQ	154.9650	156.7	A	Signed MOU		
4		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
5		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
6		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
7		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
8		NTAC12		153.9200	CSQ	155.5875	156.7	A	Signed MOU		
9		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU		
10		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
12		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
13		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
14		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
15		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU		
16		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU		
17		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
18		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
19		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
20		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
21		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
22		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
23		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
24		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
25		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
26		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
27		NTAC11		153.9050	CSQ	155.3700	156.7	A	Signed MOU		
28		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU		
29		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
30		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
31		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
32		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
33		NTAC4		151.3100	CSQ	154.9050	156.7	A	Signed MOU		
34		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU		
35		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
36		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
37		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
38		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
39		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
40		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
41		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
42		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A							Frequency Band **800 MHZ**		Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
43		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
44		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada
45		NTAC9		153.8450	CSQ	156.1350	156.7	A	Signed MOU
46		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
47		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
48		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
49		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
50		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
51		NTAC2		151.2650	CSQ	154.1000	156.7	A	Signed MOU
52		NTAC6		151.4300	CSQ	154.9050	156.7	A	Signed MOU
53		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
54		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
55		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
56		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
57		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
58		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
59		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
60		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
61		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
62		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
63		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
64		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU
65		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
66		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
67		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
68		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
69		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU
70		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
71		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
72		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
73		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
74		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
75		NCALL3		159.4200	CSQ	154.0100	156.7	A	Signed MOU Tactical Use
76		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
77		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
78		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
79		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
80		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
81		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
82		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
83		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
84		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A								Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
85		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
86		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
87		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
88		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU
89		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
90		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
91		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
92		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
93		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU
94		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU
95		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
96		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
97		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
98		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
99		NTAC2		151.2650	CSQ	154.1000	156.7	A	Signed MOU
100		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU
101		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
102		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
103		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
104		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
105		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
106		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
107		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
108		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
109		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
110		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
111		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
112		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU
113		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
114		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
115		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
116		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
117		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
118		NTAC18		159.0525	CSQ	154.9650	156.7	A	Signed MOU
119		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
120		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
121		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
122		NCALL4		151.0850	CSQ	155.3850	156.7	A	Southern Nevada
123		NTAC9		153.8450	CSQ	156.1350	156.7	A	Signed MOU

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
124		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU
125		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
126		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
127		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTES:

The Nevada crossband repeaters network will enable VHF and 800 MHz users to talk directly to each other without the intervention of a technician or a dispatch operator. To use a crossband repeater, a radio user simply changes to the interoperability channel.

The statewide tactical crossband repeaters are designed to interconnect 800 MHz and VHF narrowband conventional channels. Currently, approximately 25 crossband repeater sites have been identified throughout the state and will be operational in early 2011.

Each repeater site will have a total of six channels, one calling channel and two tactical channels in both VHF and 800 MHz. When responding to or reporting a mutual aid incident, these calling channels are the primary communications path used to respond to the incident.

3.4.11 Nevada Tactical Crossband Repeaters (PLANNED)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **VHF**	Description **Nevada Tactical Crossband Repeaters (PLANNED)**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**		
1		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
2		NTAC11		153.9050	CSQ	155.3700	156.7	A	Signed MOU		
3		NTAC14		158.7525	CSQ	155.7300	156.7	A	Signed MOU		
4		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
5		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
6		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
7		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
8		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU		
9		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU		
10		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
12		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
13		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
14		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada		
15		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
16		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU		
17		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
18		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
19		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
20		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada		
21		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU		
22		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
23		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
24		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
25		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
26		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada		
27		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU		
28		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
29		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
30		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
31		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
32		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada		
33		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU		
34		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
35		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
36		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
37		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
38		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada		
39		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU		
40		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU		
41		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Nevada Tactical Crossband Repeaters (PLANNED)**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
42		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
43		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
44		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
45		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
46		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
47		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
48		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
49		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
50		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
51		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
52		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
53		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
54		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
55		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
56		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
57		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU
58		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
59		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
60		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
61		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
62		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
63		NCALL2		151.1000	CSQ	154.6950	156.7	A	Signed MOU Tactical Use
64		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
65		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
66		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
67		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
68		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
69		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
70		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
71		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
72		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
73		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
74		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
75		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
76		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
77		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
78		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
79		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Nevada Tactical Crossband Repeaters (PLANNED)**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
80		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
81		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
82		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
83		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
84		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
85		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
86		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
87		NTAC1		151.2050	CSQ	154.1750	156.7	A	Signed MOU
88		NTAC7		151.4300	CSQ	155.5800	156.7	A	Signed MOU
89		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
90		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
91		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
92		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
93		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
94		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
95		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
96		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
97		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
98		NCALL4		151.0850	CSQ	155.3850	156.7	A	Southern Nevada
99		NTAC8		153.7850	CSQ	156.1950	156.7	A	Signed MOU
100		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU
101		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
102		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
103		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

3.4.12 Northeastern Nevada Region 800 MHz Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHz**	Description **Northeastern Nevada Region 800 MHz Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		Elko Law	NHP Elko Central Dispatch					A	
2		Elko Operations	NDOT Other NDOT Districts					A	
3		Elko TAC3	NHP NDOT					A	
4		Ely Law	White Pine County Dispatch					A	
5		Winnemucca Law	Humboldt County Dispatch					A	
6		State Mutual Aid 3	State Emergency Operations Center					A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

3.4.13 Northeastern Nevada Region VHF Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Northeastern Nevada Region VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
REGIONAL INTEROPERABILITY CHANNELS									
1		Fire White 1	All Northeastern Nevada Region	154.2800	Off	154.2800	Off	A	
2		Fire White 2	All Northeastern Nevada Region	155.0000	Off	155.000	Off	A	
3		NHP Local		154.9200	Off	154.9200	Off	A	
4		NOAA	All Northeastern Nevada Region	162.4000	Off	N/A	N/A	A	
5		BLM Dispatch	CNIDC Dispatch Zone	170.0250	Off	170.0250	Off	A	
6		BLM SOA	CNIDC Dispatch Zone	171.6750	Off	171.6750	Off	A	
7		BLM Granite	CNIDC Dispatch Zone	170.02500	Off	168.3750	114.8	A	
8		BLM Blue Lake	CNIDC Dispatch Zone	170.02500	Off	168.3750	151.4	A	
9		BLM Gerlach	CNIDC Dispatch Zone	170.02500	Off	168.3750	173.8	A	
10		BLM New York	CNIDC Dispatch Zone	170.02500	Off	168.3750	Off	A	
12		BLM Goosie	CNIDC Dispatch Zone	170.02500	Off	168.3750	Off	A	
13		USFS Buckskin	CNIDC Dispatch Zone	171.4750	Off	172.2250	110.9	A	
14		USFS Car/Car	CNIDC Dispatch Zone	171.4750	Off	171.4750	Off	A	
15		Humboldt Toiyabe NF (HTNF) Austin	Signed MOU with NFS	169.8750		170.4750	131.8	A	
16		HTFN Bunker	Signed MOU with NFS	169.8750		170.4750	156.7	A	
17		HTNF Bald	Signed MOU with NFS	169.8750		170.4750	123.0	A	
18		HTFN Mahogany	Signed MOU with NFS	169.8750		170.4750	110.9	A	
19		HTFN Brock	Signed MOU with NFS	169.8750		170.4750	136.5	A	
20		HTFN Jefferson	Signed MOU with NFS	169.8750		170.4750	167.9	A	
NDOT ELKO COUNTY									
21		WINCAR	All Northeastern Nevada Region	151.02500	Off	151.02500	Off	A	
22		WINRPT	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northeastern Nevada Region VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
23		WINOFF	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	
24		STNRPT	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	
25		STNOFF	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	
26		TRIRPT	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	
27		TRIOFF	All Northeastern Nevada Region	151.02500	Off	156.10500	Off	A	
28		EMMA		155.14500	Off	155.71500	192.8	A	
29		RENCAR		151.07000	Off	151.07000	Off	A	
30		COMM1		151.04000	Off	151.04000	Off	A	
31		COMM 2		159.18000	Off	159.18000	Off	A	
32		LEMA 1		155.47500	Off	155.47500	Off	A	
33		LEMA 2		155.65500	Off	155.65500	Off	A	
34		DOT MA		156.07500	Off	156.07500	Off	A	
35		CSNCAR		150.99500	Off	150.99500	Off	A	
36		CONST		151.07000	Off	156.06000	203.5	A	
37		ELKCAR		151.01000	Off	151.01000	Off	A	
38		ELKRPT		151.01000	Off	156.13500	67.0	A	
39		ELKOFF		151.01000	Off	156.13500	71.9	A	
40		MRYRPT		151.01000	Off	156.13500	74.4	A	
41		MRYOFF		151.01000	Off	156.13500	77.0	A	
42		RKYRPT		151.01000	Off	156.13500	79.7	A	
43		RKYOFF		151.01000	Off	156.13500	82.5	A	
44		PENRPT		151.01000	Off	156.13500	85.4	A	
45		PENOFF		151.01000	Off	156.13500	88.5	A	
46		L&DRPT		151.01000	Off	156.13500	91.5	A	
47		L&DOFF		151.01000	Off	156.13500	94.8	A	
48		VICRPT		151.01000	Off	156.13500	97.4	A	
49		VIVOFF		151.01000	Off	156.13500	100.0	A	
50		3MIRPT		151.01000	Off	156.13500	103.5	A	
51		3MIOFF		151.01000	Off	156.13500	107.2	A	
52		ELYCAR		151.01000	Off	151.01000	Off	A	
53		SQWRPT		151.01000	Off	156.13500	162.2	A	
54		SQWOFF		151.01000	Off	156.13500	179.9	A	
55		CAVRPT		151.01000	Off	156.13500	167.9	A	
56		CAVOFF		151.01000	Off	156.13500	203.5	A	
57		CNTRPT		151.01000	Off	156.13500	192.8	A	
58		CNTOFF		151.01000	Off	156.13500	136.5	A	
59		PRSRPT		151.01000	Off	156.13500	156.7	A	
60		PRSOFF		151.01000	Off	156.13500	186.2	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northeastern Nevada Region VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
61		ASTRPT		151.01000	Off	156.06000	151.4	A	
62		ASTOFF		151.01000	Off	156.06000	146.2	A	
63		VICELY		151.01000	Off	156.13500	174.8	A	
64		NWS		165.40000	Off			A	
65		NWS		162.55000	Off			A	
NDOT ELKO INCIDENT COMMAND RADIOS (SET 1)									
66		ELKOFF	Reg3 Office						
67		ELKORDS	Reg3 Dispatch						
68		ELKLNST1	Crew 912						
69		ELKLNST2	Crew 908						
70		ELKLNST3	Crew 918						
71		ELKSHOP	Reg3 Equip Shop						
72		ELKMNT1	Crew 350, 351						
73		ELKMNT2	Crew 302, 340, 355						
74		ELKOPS2	Shared Use						
75		EMIGRANT	Crew 324						
76		NOFORK	Crew 327						
77		RUBYVAL	Crew 331						
78		WLS/CONT	Crew 335, 332, 322						
79		WENDOVER	Crew 336						
80		ELKLAW	Law Inter Op						
81		RENORD	Reg2 Dispatch						
NDOT ELKO INCIDENT COMMAND RADIOS (SET 2)									
82		ELYLAW	Ely Law Inter-Op						
83		WINNLAW	Winn Law Inter-Op						
84		MUTUAID1	State Mutual Aid Reg1						
85		MUTUAID2	State Mutual Aid Reg2						
86		MUTUAID3	State Mutual Aid Reg3						
87		NHP1	Reg3 Central Command Dispatch						
88		NHP2	Reg3 Central Command Dispatch						
89		NHP3	Reg3 Central Command Dispatch						
90		NHP4	Reg3 Central Command						

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northeastern Nevada Region VHF Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
			Dispatch						
91		NHPTAC1	Reg3 Central Command Field Talk Around						
92		NHPTAC2	Reg3 Central Command Field Talk Around						
93		NHPTAC3	Reg3 Central Command Field Talk Around						
94		STATEEOC	State Emergency Operations Center						
95		EOCTAC1	Emergency Operations Talk Around						
96		EOCTAC2	Emergency Operations Talk Around						
97		MILEOC	Military Emergency Operations						
NDOT ELKO INCIDENT COMMAND RADIOS (SET 3)									
98		DOTCOM	Reg3 NDOT Tech Channel						
99		DITCOM	Dept. of Info Tech						
100		RNNHP1	DPS Reg1 Dispatch						
101		RNNHP2	DPS Reg2 Dispatch						
102		RNNHP3	DPS Reg3 Dispatch						
103		RNNHP4	DPS Reg4 Dispatch						
104		STPARKS	Nevada State Parks						
105		WINNOFF	Reg3 NDPT Winn Office						
106		WINMNT	Reg3 NDOT Maint						
107		WINSHOP	Reg3 NDOT Repair Shop						
108		WINOPS1	Reg3 Shared Use NDOT						
109		WINOPS2	Reg3 Shared Use NDOT						
110		WINMNT2	Reg3 NDOT Maint.						
111		QR/ORVAD	Reg3 NDPT Quarn River/Orvada						

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northeastern Nevada Region VHF Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
112		BTLMT	Reg3 NDOT Battle Mt						
113		ELYOFF	Reg3 NDOT Ely Office						

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

3.5 Mutual Aid Channels

3.5.1 800 MHz NPSPAC Interoperability Channel List / After Rebanding

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHZ**	Description **STATEWIDE CHANNEL PLAN**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	8CALL90	Any Public Safety	851.01250	156.7	806.01250	156.7	A	Usage Note 9
2	Repeater Pair	8CALL90D	Any Public Safety	851.01250	156.7	851.01250	156.7	A, D	Usage Note 9
3	Repeater Pair	8TAC91	Any Public Safety	851.51250	156.7	806.51250	156.7	A, D	Usage Note 9
4	Repeater Pair	8TAC91D	Any Public Safety	851.51250	156.7	851.51250	156.7	A, D	Usage Note 9
5	Repeater Pair	8TAC92	Any Public Safety	852.01250	156.7	807.01250	156.7	A, D	Usage Note 9
6	Simplex-base/MO	8TAC92D	Any Public Safety	852.01250	156.7	852.01250	156.7	A, D	Usage Note 9
7	Simplex-base/MO	8TAC93	Any Public Safety	852.51250	156.7	807.51250	156.7	A, D	Usage Note 9
8	Simplex-base/MO	8TAC93D	Any Public Safety	852.51250	156.7	852.51250	156.7	A, D	Usage Note 9
9	Simplex-base/MO	8TAC94	Any Public Safety	853.01250	156.7	808.01250	156.7	A, D	Usage Note 9
10	Simplex-base/MO	8TAC94D	Any Public Safety	853.01250	156.7	853.01250	156.7	A, D	Usage Note 9

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

3.5.2 800 MHz NPSPAC Interoperability Channel List

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **800 MHZ**		Description **STATEWIDE CHANNEL PLAN**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	ICALL	Any Public Safety	866.0125W	156.7	821.0125W	156.7	A	Usage Note 9
2	Repeater Pair	ITAC1	Any Public Safety	866.5125W	156.7	821.5125W	156.7	A	Usage Note 9
3	Repeater Pair	ITAC2	Any Public Safety	867.0125W	156.7	822.0125W	156.7	A	Usage Note 9
4	Repeater Pair	ITAC3	Any Public Safety	867.5125W	156.7	822.5125W	156.7	A	Usage Note 9
5	Repeater Pair	ITAC4	Any Public Safety	868.0125W	156.7	823.0125W	156.7	A	Usage Note 9
6	Simplex-base/MO	ICALLD	Any Public Safety	866.0125W	156.7	Simplex	156.7	A	Usage Note 9
7	Simplex-base/MO	ITAC1D	Any Public Safety	866.5125W	156.7	Simplex	156.7	A	Usage Note 9
8	Simplex-base/MO	ITAC2D	Any Public Safety	867.0125W	156.7	Simplex	156.7	A	Usage Note 9
9	Simplex-base/MO	ITAC3D	Any Public Safety	867.5125W	156.7	Simplex	156.7	A	Usage Note 9
10	Simplex-base/MO	ITAC4D	Any Public Safety	868.0125W	156.7	Simplex	156.7	A	Usage Note 9
The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.									

3.5.3 VHF Non-Federal National Interoperability Channel List2

VHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF HIGHBAND**		Description **STATEWIDE CHANNEL PLAN**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Simplex-base/MO	VCALL10	Any Public Safety	155.7525N	None	Simplex	156.7	A	Usage Note 4, 8
2	Simplex-base/MO	VTAC11	Any Public Safety	151.1375N	None	Simplex	156.7	A	Usage Note 5, 8
3	Simplex-base/MO	VTAC12	Any Public Safety	154.4525N	None	Simplex	156.7	A	Usage Note 4, 5, 8
4	Simplex-base/MO	VTAC13	Any Public Safety	158.7375N	None	Simplex	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	VTAC14	Any Public Safety	159.4725N	None	Simplex	156.7	A	Usage Note 4, 5, 8
6									
7									

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

**All frequencies are narrowband (11K0F3E) only. Radio channel names as listed in this Table are required.

FCC mandate for narrowband effective January 1, 2013. Channels may be used in wideband prior to that date.

3.5.4 UHF Non-Federal National Interoperability Channel List

UHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **UHF HIGHBAND**	Description **STATEWIDE CHANNEL PLAN**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	UCALL40	Any Public Safety	453.2125N	None	458.2125N	156.7	A	Usage Note 8
2	Repeater Pair	UTAC41	Any Public Safety	453.4625N	None	458.4625N	156.7	A	Usage Note 5, 8
3	Repeater Pair	UTAC42	Any Public Safety	453.7125N	None	458.7125N	156.7	A	Usage Note 5, 8
4	Repeater Pair	UTAC43	Any Public Safety	453.8625N	None	458.8625N	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	UCALL40D	Any Public Safety	453.2125N	None	Simplex	156.7	A	Usage Note 8
6	Simplex-base/MO	UTAC41D	Any Public Safety	453.4625N	None	Simplex		A	Usage Note 5, 8
7	Simplex-base/MO	UTAC42D	Any Public Safety	453.7125N	None	Simplex		A	Usage Note 5, 8
8	Simplex-base/MO	UTAC43D	Any Public Safety	453.8625N	None	Simplex		A	Usage Note 5, 8

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

3.6 Gateways

Gateway Name	Owning/Managing POC Information			Day-to-Day or Incident / Event	Make / Model	Fixed / Mobile	No. of Simultaneous Nets	No. of Ports
	Agency	Title	Phone					
STR *	DPS Division of Emergency Management			Incident	Incident Command Radio Interface (ICRI)	Mobile		
Elko IMC	NDOT		775-777-2700	Incident		Console	6	N/A

3.7 Cache Radios

Radio Cache Name	Make / Model	Owning/Managing POC Information			Frequency Band	Fixed / Mobile	Qty
		Agency	Title	Phone			
Elko County SO	Motorola HT1000	Elko County Sheriff	Lieutenant	775-340-3833	VHF 150 MHz	Portable	20
Elko County SO	Motorola HT1500	Elko County Sheriff	Lieutenant	775-340-3833	VHF 150 MHz	Portable	10
NDOT – Elko	MA/Com LPE-200	NDOT		775-777-2700	800 MHz	Portable	12
NDOT – Elko	Motorola MT1000	NDOT		775-777-2700	VHF 150 MHz	Portable	12
NHP – Elko	Motorola MTS2000	NHP		775-753-1111	VHF 150 MHz	Portable	23
DEM				775-721-5542			

3.8 Mobile Communication Units (TBD)

Unit ID/ Designator	FEMA Type	Owing / Managing POC Information			Deployment Area
		Agency	Title	Phone	

3.9 Agency 24/7 Contact Information for Public Safety Communications Centers

Name	24/7 Contact	Organizations / Agencies Served
LOCAL		
Central Dispatch Authority	775-777-7301	Elko County Sheriff, Elko City PD, Carlin PD, Elko County Ambulance, Elko City Fire, Wells Fire and Ambulance, Carlin Fire and Ambulance, Jackpot Fire and Ambulance, Bureau of Indian Affairs and Tribal, School District Police, Summit Air, Public Works and the Juvenile Center
Elko Interagency Dispatch Center (NDF)	775-748-4000	Bureau of Land Management, Nevada Division of Forestry, US Forest Service, Bureau of Indian Affairs, Sho-Pai Firefighters and US Fish and Wildlife Service. We provide All Risk Emergency service for NDF in Elko and Eureka Counties and Wildland fire dispatch center for all entities.
Elko Dispatch	775-738-4005	City of Elko PD, City of Elko Fire, City of Elko Public Works
West Wendover Fire Department	775-664-2274	City PD, Fire/EMS, DPW (primary); Probation & Parole, Tooele County UT (secondary)
Eureka County Sheriff's Office	775-237-5330	Sheriff's Office, Fire/EMS (Note: Fire/EMS in N part of county dispatched out of NDF in Elko Central; Fire also dispatched from BLM Dispatch in Winnemucca
Humboldt County Sheriff's Office	775-623-6419	Sheriff's Office, Winnemucca Police Department, EMS and ambulance, all fire districts, BIA and school district
Lander County Sheriff's Office	775-635-1100	Sheriff's Office, Fire, EMS, Western Shoshone Department of Public Safety (tribal)
Pershing County Sheriff's Office	775-273-2641	County Sheriff, Lovelock PD, County Fire, Lovelock Tribal PD
White Pine County Sheriff's Office	775-289-4833	All agencies in county - Sheriff's Office, EMS, White Pine Fire District, 3 tribal police departments - Ely-Shoshone, Duck Water Shoshone & Goshute
STATE		
NDOW	775-688-1500	Nevada Division of Wildlife
NDOT	775-777-2700	Nevada Department of Transportation
Nevada Dept. of Public Safety	775-753-1111	Highway Patrol, Investigation, Parole and Probation
Nevada Div of Emergency Mgt.	775-687-0300	
FEDERAL		
Department of Interior, Central Nevada Interagency Dispatch Center	775-623-3444 800-535-6076 775-623-1555	Winnemucca and Battle Mountain Bureau of Land Management (BLM) Districts, the Santa Rosa, Austin, and Tonopah Ranger Districts of the Humboldt-Toiyabe National Forest, the Bureau of Indian Affairs (BIA), and the U.S. Fish and Wildlife Service
	202-208-6843	U.S. National Park Service
	202-513-0501	U.S. Bureau of Reclamation
	626-405-1200	U.S. Postal Inspectors
	202-406-5708	U.S. Secret Service
	202-305-2734	U.S. Immigration and Customs Enforcement
	202-208-7163	Bureau of Indian Affairs
	202-305-8500	U.S. Drug Enforcement Agency (DEA)
	301-492-5990	U.S. Parole and Probation
	866-835-5322	Federal Aviation Administration
	866-289-9673	U.S. Transportation Security Administration
	775-778-6716	National Weather Service

Northwest Nevada
Section NEViFOG

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4 Northwest Nevada Region Information

Refer to the Northeast Nevada Regional Tactical Interoperable Communications plan for additional information on all interoperable communications assets in the area. Refer to regional Standard Operating Procedures (SOPs) for policies and procedures on asset usage.

4.1 General Rules of Use for All Interoperability Assets

- **National Incident Management System** – Use an Incident Command System (ICS) compliant with the National Incident Management System (NIMS) when using any regional interoperability resource.
- **Plain Language (Common Terminology)** – All interoperable communications during multi-agency, multi-discipline incidents will be in plain language. Avoid using radio codes, acronyms, and abbreviations as they may cause confusion between agencies. Ensure that all verbal requests for assistance or backup specify the reason for the request.
- **Unit Identification** – Announce your home agency prior to announcing your unit identifier during interoperable communication situations. (i.e., -North Las Vegas PD 2D3‖, -Clark County Fire Engine 18‖)
- **National Response Framework** – Under the National Response Framework, ICS forms will be used for all appropriate documentation.

Applies to gateways only

- **Encryption** – All encrypted radios users must operate in a -clear‖ mode when a gateway is used, unless otherwise arranged in advance. Never assume encryption carries across the gateway.
- **Monitoring** – The system owner and/or the Incident Commander, or their designee, will ensure that each activated interoperability channel is monitored while in use if the capability exists.

Applies to cache radios and MCUs only

- **Equipment Return** – The requesting agency is responsible for the return of any cache radios/MCUs/equipment in the condition that they were received. Responsibilities for lost or damaged equipment lie with the appropriate agency as dictated by existing Memoranda of Agreement (MOAs).

4.2 Map – Regional Boundaries

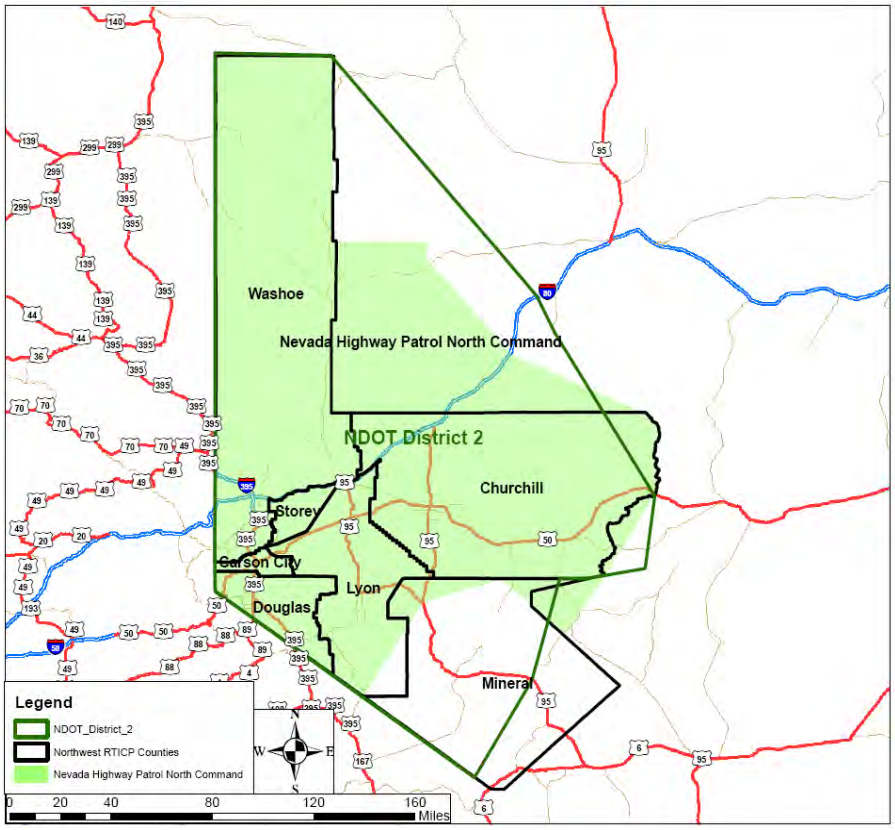


Figure 3 Northwest Nevada Regional Map

The Northwest Nevada region consists of Washoe, Storey, Carson City, Douglas, Lyon, Churchill and Mineral Counties and an area roughly defined as District 2 by the Nevada Department of Transportation's region classifications, although this area is referred to as Region 1 for Nevada Master Mutual Aid. Northwest Nevada falls under Federal Emergency Management agency (FEMA) Region 9.

4.3 Shared Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning/Managing POC Information			Service Area
				Agency	Title	Phone	
TRUNKED SYSTEMS							
Nevada Shared Radio System (NSRS)	Harris Corporation EDACS	Trunked Wide Area, Pro	800 MHz	Department of Transportation/ Sierra Pacific Resources	Assistant Director	775-888-7440	Statewide
Washoe County Regional Communications System (WCRCS)	Harris Corporation EDACS	Trunked Wide Area, Pro	800 MHz	WCRCS	Manager Washoe County Communications and Security	775-858-5951	Washoe County Area
CONVENTIONAL SYSTEMS							
Lyon County VHF Public Safety	Motorola	Conventional Simulcast	VHF	Lyon County Sheriff's Office			Lyon County
Douglas County VHF Public Safety	Gold Elite	Conventional Simulcast	VHF	Douglas County			Douglas County
Storey County VHF Public Safety	Motorola	Conventional Simulcast	VHF	Storey County			Storey County
Carson City VHF Public Safety	Gold Elite	Conventional Simulcast	VHF	Carson City			Carson City
EMS Radio Network	Motorola	Conventional Simulcast	UHF	Nevada EMS			Statewide
Churchill County VHF	Gold Elite	Conventional	VHF	Churchill County			Churchill County
Mineral County VHF	Motorola	Conventional	VHF	Mineral County			Mineral County
Nevada Division of Forestry (NDF) VHF	Gold Elite	Conventional	VHF	NDF			Regional
Nevada Division of Wildlife (NDOW) VHF	Mixed	Conventional	VHF	NDOW			Statewide
Nevada Division of State Parks VHF	Mixed	Conventional	VHF	NDSP			Statewide

4.4 Shared Channels

4.4.1 WCRCS Shared Talkgroup Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **800 MHz**			Description **WCRCS Shared Talkgroups**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	EDACS GID 350	PS-LE1	Public safety law enforcement						LE Interop
2	EDACS GID 351	PS-LE2	Public safety law enforcement						LE Interop
3	EDACS GID 478	PS-FIRE1	Public safety fire						Fire Interop
4	EDACS GID 479	PS-FIRE2	Public safety fire						Fire Interop
5	EDACS GID 346	W1 WCRCS	Washoe County shared						All responders interop
6	EDACS GID 347	W2 WCRCS	Washoe County shared						All responders interop
7	EDACS GID 348	W3 WCRCS	Washoe County shared						All responders interop
8	EDACS GID 349	W4 WCRCS	Washoe County shared						All responders interop
9	EDACS GID 1914	PS EVNT1	Washoe County shared						Public Safety Interop
10	EDACS GID 1915	PS EVNT2	Washoe County shared						Public Safety Interop
11	EDACS GID 1916	PS EVNT3	Washoe County shared						Public Safety Interop
12	EDACS GID 1917	PS EVNT4	Washoe County shared						Public Safety Interop
13	EDACS GID 409	RF TMSLD	All Washoe County Fire Agencies						TMFPD Slide Repeater VHF
14	EDACS GID 410	RF TMPVN	All Washoe County Fire Agencies						TMFPD Peavine Repeater VHF
15	EDACS GID 411	RF TMVP	All Washoe County Fire Agencies						TMFPD Virginia Peak Repeater VHF
16	EDACS GID 415	RF TMGER	All Washoe County Fire Agencies						TMFPD Gerlach Repeater VHF
17	EDACS GID 403	RF GOLD	All Washoe County Fire Agencies						
18	EDACS GID 404	RF SILVER	All Washoe County Fire Agencies						
19	EDACS GID 366	WCR-EOC	Washoe County Regional Emergency Operations Center						
20	EDACS GID 657	STATEEOC	Nevada Emergency Operations Center						

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHz**	Description **WCRCS Shared Talkgroups**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
21	EDACS GID 658	EOCTAC1	Nevada Emergency Operations Center						
22	EDACS GID 659	EOCTAC2	Nevada Emergency Operations						

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE: This shared system has interoperability with the NSRS via a Stargate switch. The number of channels is an estimate. Channels are distributed among the 10 sites throughout Washoe County. Each site has a max channel capacity. The Reno and Sparks / Tahoe area each have simulcast systems that are part of the WCRCS.

4.4.2 Lyon County VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Lyon County VHF Public Safety Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		SO1 Local		154.7700	CSQ	154.7700	146.2	A	Monitored by Dispatch
2		SO1 Eagle Ridge		154.7700	CSQ	156.1500	114.8	A	Monitored by Dispatch
3		SO1 Como		154.7700	CSQ	156.1500	100.0	A	Monitored by Dispatch
4		SO1 Bald Mt		154.7700	CSQ	156.1500	110.9	A	Monitored by Dispatch
5		SO2 Local		159.2100	CSQ	159.2100	146.2	A	Monitored by Dispatch
6		SO2 Eagle Ridge		159.2100	CSQ	156.1050	136.5	A	Monitored by Dispatch
7		SO2 Como		159.2100	CSQ	156.1050	127.3	A	Monitored by Dispatch
8		SO2 Bald Mt		159.2100	CSQ	156.1050	110.9	A	Monitored by Dispatch
9		SO Tac		154.7250	CSQ	154.7250	CSQ	A	Monitored by Dispatch
10		NASAR		155.1600	CSQ	155.1600	CSQ	A	Monitored by Dispatch
11		Fire Local		155.1000	CSQ	155.1000	CSQ	A	Monitored by Dispatch

12		Fire Eagle Ridge		155.1000	CSQ	155.9250	114.8	A	Monitored by Dispatch
13		Fire Como		155.1000	CSQ	155.9250	100.0	A	Monitored by Dispatch
14		Fire Bald Mt		155.1000	CSQ	155.9250	110.9	A	Monitored by Dispatch
15		Fire Pond		155.1000	CSQ	155.9250	141.3	A	Monitored by Dispatch
16		Fire Tac		154.4000	CSQ	154.4000	CSQ	A	Monitored by Dispatch
17		YeringtionP.W.1		153.8750	CSQ	158.5000	CSQ	A	Monitored by Dispatch if requested
18		YeringtionP.W.2		153.9350	CSQ	156.2400	CSQ	A	Monitored by Dispatch if requested
19		LyonCoRoads Lcl		153.9350	CSQ	153.9350	CSQ	A	Monitored by Dispatch if requested
20		LyonCoRoads Rpt		153.9350	CSQ	156.2400	CSQ	A	Monitored by Dispatch if requested
21		Emergency Management 1		155.1450	CSQ	155.1450	CSQ	A	Not monitored by dispatch

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Lyon County VHF Public Safety Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
22		Emergency Management 2		155.6550	CSQ	155.6550	CSQ	A	Not monitored by dispatch

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

Agencies with access to SO1 & SO2 – NHP, P&P, Yerington Tribal Police, Yerington Police Department, Lyon County S.O., Lyon County SAR, Carson City S.O., Churchill County S.O., Mineral County S.O., Walker River Tribal Police, Storey County S.O., Douglas County S.O., Washoe County S.O., Nevada State Parks, Nevada Department of Corrections

Agencies with access to Fire & Fire Tac – Mason Valley Fire, Central Lyon Fire, North Lyon Fire, Smith Valley Fire, LCSO, YPD, Lyon County Road Dept., East Fork Fire, Tahoe Douglas Fire, Carson City Fire, Fallon Fire, Fallon NAS, Mineral County Fire, Walker River Tribal Fire, NDF,

Agencies with access to STATE MUTUAL AID – All response agencies within and outside of Lyon County.

Agencies within Lyon County use channels as assigned by discipline and policy. Agencies outside of Lyon County use channels as requested by Lyon County agency during a Lyon County emergency or planned event.

4.4.3 Douglas County VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Douglas County VHF Public Safety Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		DCSO Valley	DCSO, SAR, Washoe Tribe, Posse, NHP, P&P	154.7400	CSQ	155.6250	100	A	Dispatch Monitored
2		DCSO North/South	Same as above	154.89 00	CSQ	155.6250	100	A	Dispatch Monitored
3		East Fork Fire	East Fork Fire; East Fork Paramedic; Douglas County Emergency Management, Tahoe Douglas Fire	155.0850	CSQ	155.7750	100	A	Dispatch Monitored
4		Tahoe Douglas Fire	Tahoe Douglas Fire, East Fork Fire	155.0250	CSQ	158.7750	167.9	A	Dispatch Monitored
5		DC Public Works	Douglas County General Government	155.1150	CSQ	155.8500	100	A	Dispatch Monitored
6		DCSO SAR	DCSO, Tahoe Douglas Fire, Posse, SAR, East Fork Fire, DC Emergency Management	156.2250	CSQ	159.0375	141.3	A	Dispatch Monitored
7		East Fork Fire Tac	East Fork Fire; East Fork Paramedic; Douglas County Emergency Management, Tahoe Douglas Fire	155.1300	CSQ	155.8500	100	A	
8		NLEMA	Mutual aid providers	155.6550	CSQ	Same		A	
9		LLEMA	Mutual aid providers	155.4750	CSQ	Same		A	
10		White 1	Mutual aid providers	154.2800	CSQ	Same		A	Dispatch Monitored
11		White 2	Mutual aid providers	154.2650	CSQ	Same		A	Dispatch Monitored
12		White 3	Mutual aid providers	154.2950	CSQ	Same		A	
13		Mutual Aid 4	Mutual aid providers	155.1450	CSQ	Same		A	
14		Mutual Aid 9	Mutual aid providers	156.0750	CSQ	Same		A	
15		Tahoe Douglas Channel 2	Crew Net for Tahoe Douglas Fire	155.0550	CSQ	155.0550	100	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **VHF**	Description **Douglas County VHF Public Safety Shared Channels**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**		
16		Mutual Aid 5	Mutual aid providers	155.7150	CSQ	Same		A			
17		DCSO SAR	DCSO, Tahoe Douglas Fire, Posse, SAR, East Fork Fire, DC Emergency Management	155.1600	CSQ	Same		A	Dispatch Monitored		
18		Public Works – TRE	Douglas County General Government	155.9100	CSQ	Same		A			
The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.											

NOTE:

Effective late 2009, a new system will be in place with narrow-banded capabilities. Existing system will remain in place to serve as a backup.

Quad Counties (Douglas, Carson, Lyon and Storey) are working on a microwave interconnect for voice and data for back up of dispatch centers (to start with). This will allow the radio traffic to travel to all four counties.

System can be multi-cast by dispatcher currently. Under new system (note 1 above) system will be multi-cast for valley and lake portions of the county.

Agencies also use a UHF medical system for communications to receiving medical facilities. Current state plan is to transition to the NSRS early 2010.

All agencies have mutual aid agreements with surrounding cooperators allowing communications on home channels.

All agencies have multi-bank/multi-channel radios with Northern Nevada and Northeastern California radio channels to assist in interoperability.

Douglas County Dispatch can monitor many frequencies, depends upon staffing levels in dispatch.

Douglas County Dispatch has a mobile communications vehicle that can be staffed with a tactical dispatcher for fire, law, emergency management and SAR events/incidents.

Douglas County employs their own Communications Staff (2 communication technicians and one manager) rather than outsource this to a private company. These personnel are available as needed to manage system emergencies.

Douglas County Dispatch serves as the dispatch center for Alpine County (CA) after hours and on weekends. They have the ability to switch E911 lines to and from the Alpine PSAP. They also have the ability to work on the Alpine County frequencies.

4.4.4 Storey County VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Storey County VHF Public Safety Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		FD (Como)	Fire Department	155.0700	79.7	155.8650	79.7	A	Dispatch Monitored
2		FD (Ophir)	Fire Department	155.0700	79.7	155.8650	73.8	A	Dispatch Monitored
3		FD (Pond)	Fire Department	155.0700	79.7	155.8650	186.2	A	Dispatch Monitored
4		SO (Como)	Sheriff's Office	155.6100	85.4	155.2950	85.4	A	Dispatch Monitored
5		SO (Ophir)	Sheriff's Office	155.6100	85.4	155.2950	186.2	A	Dispatch Monitored
6		SO (Pond)	Sheriff's Office	155.6100	85.4	155.2950	173.8	A	Dispatch Monitored

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Sheriff's Office has one repeated frequency pair at three sites: Como, Ophir, and Pond. Different PL tones select the appropriate repeater. Similarly, the Fire Department also has one repeated frequency pair at the same mountain top sites, using different PL tones. The Sheriff's Office also has three narrowband tactical channels. One of these is used by the jail.

All the first responders use the same mobiles and portables: Kenwood TK 2170, Motorola CDM1550LS. The first nine zones are programmed identical. Public Works frequency is programmed in both the Fire and Sheriff's Office radios.

The Sheriff's Office has a small portable bridge to connect an 800 MHz handheld to a Kenwood. This is used for working at incidents.

4.4.5 Carson City VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Carson City VHF Public Safety Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		CCFDMAINRP	fire	154.4300	71.9	153.8450	71.9	A	Dispatch Monitored
2		CCFDMAINSM	fire	154.4300		154.4300	71.9	A	Dispatch Monitored
3		CCFD TAC 1	fire	154.1450		154.1450		A	
4		CCFD TAC 2	fire	155.6850		155.6850		A	
5		CITY TAC 1	local government	159.4725	071	159.4725	071	A	
6		CCSOPRIMRY	law enforcement	155.9700		155.2500	127.3	A	Dispatch Monitored
7		CCSOSECOND	law enforcement	154.1750		154.5350	127.3	A	Dispatch Monitored
8		CCSO TAC 1	law enforcement	154.2575	073	154.2575	073	A	
9		CCSO TAC 2	law enforcement	155.8575	072	155.8575	072	A	
10		CCSO JAIL	law enforcement	155.9400		158.8200	127.3	A	
11		CC SAR	search and rescue	155.1750		155.1750	156.7	A	Dispatch Monitored
12		CC LG 1	public works	155.8800		155.8800		A	
13		CC LG 2	public works	155.8350		155.8350		A	
14		CC LG 3	public works	155.8800		154.9800	151.4	A	
15		CC LG 4	public works	156.0150		156.0150		A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Fire Department radios have complex programming to meet their interoperability needs. They have the dispatch and tactical channels of neighboring counties. They also have the Fire White channels, as well as USFS, BLM, NDF and California channels. Fire uses interoperability daily for mutual aid response.

Law enforcement has the neighboring counties' frequencies programmed into the radios. Law enforcement uses interoperability daily on an individual basis, but only occasionally for an incident wide interoperability

4.4.6 EMS Radio Network UHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **UHF**	Description **EMS Radio Network UHF Conventional Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		Med-1	Emergency Medical Services	463.0000	CSQ	468.0000	131.8	A	Dispatch Monitored
2		Med-2	Emergency Medical Services	463.0250	CSQ	468.0250	131.8	A	Dispatch Monitored
3		Med-3	Emergency Medical Services	463.0500	CSQ	468.0500	131.8	A	Dispatch Monitored
4		Med-4	Emergency Medical Services	463.0750	CSQ	468.0750	131.8	A	Dispatch Monitored
5		Med-5	Emergency Medical Services	463.1000	CSQ	468.1000	131.8	A	Dispatch Monitored
6		Med-6	Emergency Medical Services	463.1250	CSQ	468.1250	131.8	A	Dispatch Monitored
7		Med-7	Emergency Medical Services	463.1500	CSQ	468.1500	131.8	A	Dispatch Monitored
8		Med-8	Emergency Medical Services	463.1750	CSQ	468.1750	131.8	A	Dispatch Monitored
9		Med-9	Emergency Medical Services	462.9500	CSQ	467.9500	131.8	A	Dispatch Monitored
10		Med-10	Emergency Medical Services	462.9750	CSQ	467.9750	131.8	A	Dispatch Monitored
11		Elko Mtn.	City of Elko Fire	154.1300		156.0000	156.7	A	
12		Elko Ambulance	Elko County Ambulance	155.6700	82.5	158.8500	82.5	A	

NOTE:

The statewide talk group, NV MED, is designed to be used in a state-wide incident, especially for the hospitals to communicate and provide their available bed counts, etc. Although none of these talk groups are monitored by dispatch, the Nevada State Health Division employees will monitor this talk group when possible.

The regional talk groups, EMSREG1, EMSREG2, EMSREG3, are designed for use in regional incidents, or for an ambulance to communicate with hospitals and/or transport units outside their own region, whose talk groups are not in their radio. The 2 tactical talk groups, EMSTAC1, EMSTAC2, are to be used as additional talk groups in an incident, or for any other communication purpose.

The 2 REMSA talk groups are specifically for the interface between the 800 MHz radios and REMSA's 450 MHz UHF system in Washoe County. The transport units can raise REMSA dispatch on REMSAC1 or REMSAC2, and REMSA dispatch will patch that talk group with the appropriate UHF Med channel to communicate with the hospitals.

4.4.7 Churchill VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Churchill VHF Public Safety Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		Churchill SO Rattlesnake	Sheriff	155.1900	100.0	155.9100	162.2	A	Monitored by Churchill Dispatch
2		Churchill SO Fairview	Sheriff	155.1900	100.0	155.9100	100.0	A	Monitored by Churchill Dispatch
3		Churchill SO Desert Peak	Sheriff	155.1900	100.0	155.1900	127.3	A	Monitored by Churchill Dispatch
4		Nevada Search and Rescue	Search and Rescue	155.1600	CSQ	155.1600		A	Monitored by Churchill Dispatch
5		Churchill FD Rattlesnake	Fire	155.0550	91.5	150.7900	131.8	A	Monitored by Churchill Dispatch
6		Churchill FD Desert Peak	Fire	155.0550	91.5	150.7900	131.8	A	Monitored by Churchill Dispatch
7		Churchill FD Simplex	Fire	155.0550	91.5	155.0550	91.5	A	Monitored by Churchill Dispatch
8		Churchill Road	Roads	156.1950	CSQ	156.1950		A	Monitored by Churchill Dispatch
9		Fallon PD A1 Blue	Police Encrypted	159.1575	770	156.0375	770	A	Monitored by Fallon PD
10		Fallon PD A2 Green	Police	159.1575	770	156.0375	770	A	Monitored by Fallon PD
11		Fallon PD A3 White	Police	155.4900	97.4	154.6500	97.4	A	Monitored by Fallon PD
12		NAS Fallon	Military	139.5500	CSQ	142.9000		A	
13		Churchill County Incident Command	All agencies	156.0750	CSQ	156.0750		A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an –N‖ or a –W‖, depending on whether the frequency is narrow or wide band. Mode refers to either –A‖ or –D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The Sheriff's Office radios are also programmed with the following: Nevada Mutual Aid (2 channels), Lyon County channels, Pershing County channels, Lander County channels, Mineral County, Washoe County, Road Department, SAR, BLM Fire, Lyon Fire, Mineral Fire, Fire White 1 – 3, Carson SO, Douglas SO, Nye SO, Nevada Parks, NARCO (a narcotics task force), and Truckee Meadows FD.

The Fallon Police Department radios (Mobile & Hand radios) are also programmed with the following: Nevada Mutual Aid (2 channels), Churchill County, Lyon County channels, Pershing County channels, Lander County channels, Mineral County, SAR, Humbolt S.O., Carson SO, Douglas SO, Nye SO, Nevada Parks, North Central Narcotics Taskforce, Elko S.O. and Storey S.O.

4.4.8 Mineral VHF Public Safety Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **Mineral VHF Public Safety Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		MCSO-Local	Sheriff	155.1150	CSQ	155.1150	82.5	A	Dispatch Monitored
2		MCSO –Vortec	Sheriff	155.1150	CSQ	155.1150	82.5	A	Dispatch Monitored
3		MCSO-Cory Pk	Sheriff	155.1150	CSQ	155.9550	156.7	A	Dispatch Monitored
4		MCSO-Kinkaid	Sheriff	155.1150	CSQ	155.9550	107.2	A	Dispatch Monitored
5		MCSO-Pilot Pk	Sheriff	155.1150	CSQ	155.9950	114.8	A	Dispatch Monitored
6		Hawthorne Fire	Fire	154.4150	CSQ	154.4150		A	Dispatch Monitored
7		Hawthorne Fire Repeater	Fire	154.4150	CSQ	153.7700	203.5	A	Dispatch Monitored
8		Search and rescue	Search and Rescue	156.2100	CSQ	156.2100		A	Dispatch Monitored

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

Search and Rescue has a simplex frequency. They have applied for a license for a repeater on Cory. Most of their activity is in the southwest part of the county. They primarily use the Sheriff's frequency.

The Sheriff's Office radios are programmed with the frequencies for most of the surrounding counties: Lyon, Nye, Churchill, Esmeralda, and Douglas in Nevada and Mono in California. They are also programmed with NDOW's frequencies, and the civil air patrol.

4.4.9 Nevada Division of Forestry (NDF) VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **NDF VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		NDF Main		158.8950	Off	158.8950	Off	A	Monitored Dispatch
2		NDF Red		159.3450	Off	159.3450	Off	A	Monitored Dispatch
NORTHERN									
3		McClellan Peak		158.895		159.4500	107.2	A	
4		Peavine Peak		158.895		159.4500	118.8	A	
5		Snow Valley		158.895		159.4500	127.3	A	
6		Pine Nut		158.895		159.4500	136.5	A	
7		Eagle Peak		158.895		159.4500	146.2	A	
8		Virginia Peak		158.895		159.4500	94.8	A	
WESTERN									
9		Penn Hill		158.895		159.4500	107.2	A	Monitored Dispatch
10		Knoll Mtn		158.895		159.4500	118.8	A	Monitored Dispatch
11		Elko Mtn		158.895		159.4500	127.3	A	Monitored Dispatch
12		Marys Mt		158.895		159.4500	118.8	A	Monitored Dispatch
13		Gamble Ranch		158.895		159.4500	136.5	A	Monitored Dispatch
14		Mt. Tenabo		158.895		159.4500	136.5		Monitored Dispatch
15		Spruce Mtn		158.895		159.4500	146.2	A	Monitored Dispatch
16		Rocky Point		158.895		159.4500	94.8	A	Monitored Dispatch
17		Deer Mtn		158.895		159.4500	88.5	A	Monitored Dispatch
18		Kimberly		158.895		159.4500	100.0	A	Monitored Dispatch
19		Cave Mtn		158.895		159.4500	88.5	A	Monitored Dispatch
20		McGill		158.895		159.4500	136.5		Monitored Dispatch
21		Currant Mtn		158.895		159.4500	94.8	A	Monitored Dispatch
22		Kings Mtn		158.895		159.4500	136.5	A	Monitored Dispatch
23		Prospect Pk		158.895		159.4500	107.2	A	Monitored Dispatch
24		Winnemucca Mtn		158.895		159.4500	88.5	A	Monitored Dispatch

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDF VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
25		Maggies Peak		158.895		159.4500	Off	A	Monitored Dispatch
26		Star Peak		158.895		159.4500	Off		Monitored Dispatch

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

The subscriber equipment is programmed with NDF frequencies, USFS, BLM, aviation (air to ground) and frequencies of county and city cooperators. The radios are also programmed with the Fire White 1 - 4 and Red 1 - 4 tactical channels.

NDOW and State Parks radios are programmed with NDF frequencies. Cooperators also program their radios with NDF frequencies.

They have one command trailer they share with State Parks. It is equipped with 2 NDF mobiles, 2 State Parks mobiles, whip antennas, router for networking and Ethernet available, generator, air conditioning, galley, restroom facilities, and a conference room. Dispatch should be contact to deploy.

The NDF radio system consists of one frequency pair accessed via different PL tones. There are 36 repeaters and base stations. The Tonopah subgroup of repeaters uses a different repeater pair than the other sites. 5 Daniels repeaters and 5 Motorola repeaters are digital / narrowband capable. The other 26 Daniels repeaters are analog.

The main radios (base stations) are on McClellan Mt. (Reno, Carson City), Angel Peak (Las Vegas), Montezuma Peak (Tonopah), Winnemucca Mt. (Winnemucca), Elko Mt. (Elko), and Cave Mt. (Ely). The main radios are microwaved to the Minden and Elko Dispatch centers. The base stations are able to pick up every repeater. The NDF sites are either located in DoIT shelters, co-located with BLM or USFS sites, or arrangements have been made with private entities.

There are two dispatch centers: The Sierra Front Interagency Dispatch in Minden and the Elko Interagency Dispatch Center. Elko dispatch controls the radios in Elko, Humboldt, and White Pine County, Lander and Eureka Counties. Minden has the responsibility for the rest of the NDF radio system in the state. The two dispatch centers are co-located with BLM and USFS. The Interagency Dispatch Center in Elko dispatches for numerous federal, state, and tribal wildland fire agencies and all-risk activities for Elko County for NDF.

Central Dispatch is collocated in the same building but is a completely separate entity that serves as the 911 / PSAP for Elko County.

4.4.10 Nevada Department of Wildlife (NDOW) VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF**		Description **NDOW VHF Shared Channels**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
WESTERN									
1		Virginia Peak Rptr		151.1600	123.0	151.4750	67.0	A	Monitored Dispatch
2		Fox Mtn		151.1600	94.8	151.4750	67.0	A	Monitored Dispatch
3		Snow Valley		151.1600	117.8	151.4750	67.0	A	Monitored Dispatch
4		Cory Peak		151.1600	85.4	151.4750	67.0	A	Monitored Dispatch
5		Winnemucca Mtn rpt		151.1600	123.0	151.4750	110.9	A	Monitored Dispatch
6		Maggie Peak		151.4900	88.5	151.1600	173.8	A	Monitored Dispatch
EASTERN									
7		Elko Mtn Rpt		151.1600	123.0	151.4750	74.4	A	Monitored Dispatch
8		Spruce Mtn		151.1600	97.4	151.4750	74.4	A	Monitored Dispatch
9		Knoll Mtn		151.1600	85.4	151.4750	74.4	A	Monitored Dispatch
10		Jacks Peak		151.1600	100.0	151.4750	74.4	A	Monitored Dispatch
11		Mt Moses		151.1600	203.5	151.4750	74.4	A	Monitored Dispatch
12		Mt Lewis		151.1600	203.5	151.4750	74.4	A	Monitored Dispatch
13		Austin Pk		151.1600	103.5	151.4750	74.4	A	Monitored Dispatch
14		Deer Mtn		151.1600	203.5	151.4750	74.4		Monitored Dispatch
15		Cave Mtn Rpt		158.895		159.4500	146.2	A	Monitored Dispatch
16		Prospect Peak		158.895		159.4500	94.8	A	Monitored Dispatch
17		Currant		158.895		159.4500	88.5	A	Monitored Dispatch
SOUTHERN									
18		Angels Pk Rpt		151.1600	123.0	151.4750	79.7	A	Monitored Dispatch
19		Highland Peak		151.1600	88.5	151.4750	79.7	A	Monitored Dispatch
20		Mt Perkins		151.1600	94.8	151.4750	79.7		Monitored Dispatch
21		DRI Mtn		151.1600	107.2	151.4750	79.7	A	Monitored Dispatch

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **NDOW VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
22		Mt Wilson		151.1600	85.4	151.4750	79.7	A	Monitored Dispatch
23		Montezuma Pk Rpt		151.1600	123.0	151.4750	79.7	A	Monitored Dispatch

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

NDOW is also licensed for two mobile simplex frequencies used statewide.
All radios, both mobiles and portables, are programmed with VHF frequencies for the following agencies:

- Nevada Department of Forestry
- Nevada State Parks
- All Sheriffs' frequencies except Washoe County, Clark County and Metro Las Vegas
- Washoe Search and Rescue
- NPS
- BLM
- U.S. Forest Service
- U.S. Fish and Wildlife
- Fish and Game agencies from California, Idaho, Utah, and Arizona. These agencies also have NDOW frequencies.

NDOW has three regions. Each region has two areas, each equipped with a base station at a repeater site; each area has several repeaters. NDOW has two repeater frequencies – one for repeater transmit and the other for mobile/portable transmit. PL tones transmitted from the base station provide repeater steering. Radio users provide their ID number and their repeater site when communicating. The dispatchers then select the appropriate repeater for transmit. The dispatch center is linked to the base stations via a T1 to Highway Patrol, and then onto the DoIT microwave.

The base stations, and most of the repeaters, are located at DoIT shelters present at the sites. The dispatch center is located in Reno and dispatches statewide for the agency. They support BLM and the U.S. Forest Service for law enforcement dispatch. They support air operations, performing hourly checks or whatever is required. The dispatch center is open from 6:00 A.M. until 11:00 P.M.

4.4.11 Nevada State Parks VHF Conventional Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Nevada State Parks VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		SP-1 Snow Valley Peak		151.3400	None	159.3750	131.8	A	
2		SP-1 Squaw Peak		151.3400	None	159.3750	131.8	A	
3		SP-1 Highland Peak		151.3400	None	159.3750	131.8	A	
4		SP-1 Apex		151.3400	None	159.3750	131.8	A	
5		SP-2 Simplex Channel		151.3400	None	151.3400	131.8	A	
6		SP-3 Simplex Channel		151.2950	None	151.2950	131.8	A	
7		SP-4 Lahontan SRA		151.3400	None	159.3750	114.8	A	
8		SP-4 Spring Mtn Ranch SP		151.3400	None	159.3750	114.8	A	
9		SP-4 Valley of Fire SP		151.3400	None	159.3750	114.8	A	
10		SP-4 Sand Harbor SP		151.3400	None	159.3750	114.8	A	
11		SP-5 Future Use		151.3400	None	159.3750	100.0	A	
12		SP-6 Mt Perkins, AZ		151.3400	None	159.3750	88.5	A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

Nevada Division of State Parks is dispatched by Nevada DPS. Because they are dispatched by DPS, they have 41 800 MHz mobiles and 41 800 MHz portables.

State Park Police Officers have interoperability with the following agencies via channels programmed into their radios: NDF, NDOW, BLM, USFS, NPS, and Sheriff's Offices and local Fire Departments in counties where State Parks are located. Their radios are also programmed with the State and Federal Mutual Aid Channels, White Fire 1 & 2, and National SAR.

NDSP uses open receive on its base stations, mobile, and portable radios but transmits the tones to accommodate co-operators that have toned the NDSP channels in their radios

State Parks has 9 repeater sites: 6 high level sites and 3 low level sites. The repeater sites are not linked. The low level sites are located in state parks to enhance coverage. There are also 35 base stations, one in each State Park. State Parks is comprised of two regions – Northern and Southern, with 24 parks in 13 of the 17 Nevada counties. Only Storey, Lander, Eureka. And Esmeralda Counties do not have state parks.

State Parks has 3 VHF frequencies licensed as statewide mobile channels. DPS provides dispatch for all but one State Park. The DPS Dispatch Centers are located in Las Vegas, Carson City and Elko. Lyon County Sheriff's Office provides dispatch for Lahontan State Recreation Area.

4.4.12 Nevada Tactical Crossband Repeaters

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**		
1		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
2		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
3		NTAC18		159.0525	CSQ	154.9650	156.7	A	Signed MOU		
4		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
5		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
6		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
7		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
8		NTAC12		153.9200	CSQ	155.5875	156.7	A	Signed MOU		
9		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU		
10		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
12		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
13		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
14		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
15		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU		
16		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU		
17		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
18		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
19		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
20		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
21		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
22		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
23		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
24		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
25		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
26		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
27		NTAC11		153.9050	CSQ	155.3700	156.7	A	Signed MOU		
28		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU		
29		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
30		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		
31		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU		
32		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
33		NTAC4		151.3100	CSQ	154.9050	156.7	A	Signed MOU		
34		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU		
35		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
36		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU		
37		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU		
38		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada		
39		NTAC10		153.8750	CSQ	155.4450	156.7	A	Signed MOU		
40		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU		
41		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide		
42		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU		

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A								Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
43		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
44		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada
45		NTAC9		153.8450	CSQ	156.1350	156.7	A	Signed MOU
46		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
47		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
48		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
49		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
50		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
51		NTAC2		151.2650	CSQ	154.1000	156.7	A	Signed MOU
52		NTAC6		151.4300	CSQ	154.9050	156.7	A	Signed MOU
53		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
54		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
55		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
56		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
57		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
58		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
59		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
60		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
61		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
62		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
63		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
64		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU
65		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
66		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
67		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
68		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
69		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU
70		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
71		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
72		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
73		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
74		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
75		NCALL3		159.4200	CSQ	154.0100	156.7	A	Signed MOU Tactical Use
76		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
77		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
78		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
79		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
80		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
81		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
82		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
83		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
84		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A									Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**	
85		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
86		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada	
87		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU	
88		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU	
89		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
90		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU	
91		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
92		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada	
93		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU	
94		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU	
95		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
96		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU	
97		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU	
98		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada	
99		NTAC2		151.2650	CSQ	154.1000	156.7	A	Signed MOU	
100		NTAC19		159.0750	CSQ	154.3400	156.7	A	Signed MOU	
101		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
102		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU	
103		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
104		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada	
105		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU	
106		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU	
107		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
108		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU	
109		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
110		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada	
111		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU	
112		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU	
113		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
114		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU	
115		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
116		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada	
117		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU	
118		NTAC18		159.0525	CSQ	154.9650	156.7	A	Signed MOU	
119		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide	
120		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU	
121		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU	
122		NCALL4		151.0850	CSQ	155.3850	156.7	A	Southern Nevada	
123		NTAC9		153.8450	CSQ	156.1350	156.7	A	Signed MOU	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHZ**	Description **Nevada Tactical Crossband Repeaters**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
124		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU
125		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
126		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
127		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTES:

The Nevada crossband repeaters network will enable VHF and 800 MHz users to talk directly to each other without the intervention of a technician or a dispatch operator. To use a crossband repeater, a radio user simply changes to the interoperability channel.

The statewide tactical crossband repeaters are designed to interconnect 800 MHz and VHF narrowband conventional channels. Currently, approximately 38 crossband repeater sites have been identified throughout the state, 18 of which will be operational in early 2010.

Each repeater site will have a total of six channels, one calling channel and two tactical channels in both VHF and 800 MHz. When responding to or reporting a mutual aid incident, these calling channels are the primary communications path used to respond to the incident.

4.4.13 Nevada Tactical Crossband Repeaters (PLANNED)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Nevada Tactical Crossband Repeaters (PLANNED)**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada
2		NTAC11		153.9050	CSQ	155.3700	156.7	A	Signed MOU
3		NTAC14		158.7525	CSQ	155.7300	156.7	A	Signed MOU
4		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
5		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
6		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
7		NCALL1		151.0700	CSQ	156.1800	156.7	A	NW Nevada
8		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
9		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
10		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
12		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
13		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
14		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
15		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
16		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
17		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
18		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
19		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
20		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
21		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
22		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
23		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
24		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
25		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
26		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
27		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
28		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
29		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
30		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
31		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
32		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
33		NTAC13		158.7525	CSQ	155.0850	156.7	A	Signed MOU
34		NTAC20		159.0825	CSQ	156.0450	156.7	A	Signed MOU
35		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
36		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
37		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
38		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
39		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU
40		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
41		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A							Frequency Band **VHF**		Description **Nevada Tactical Crossband Repeaters (PLANNED)**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
42		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
43		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
44		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
45		NTAC15		158.7600	CSQ	155.5800	156.7	A	Signed MOU
46		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
47		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
48		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
49		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
50		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
51		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
52		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
53		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
54		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
55		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
56		NCALL2		151.1000	CSQ	154.6950	156.7	A	NE Nevada
57		NTAC16		159.0150	CSQ	155.7300	156.7	A	Signed MOU
58		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
59		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
60		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
61		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
62		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
63		NCALL2		151.1000	CSQ	154.6950	156.7	A	Signed MOU Tactical Use
64		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
65		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
66		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
67		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
68		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
69		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
70		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
71		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
72		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
73		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
74		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
75		NTAC5		151.3550	CSQ	155.8200	156.7	A	Signed MOU
76		NTAC22		159.1800	CSQ	154.8300	156.7	A	Signed MOU
77		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
78		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
79		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A								Frequency Band **VHF**	Description **Nevada Tactical Crossband Repeaters (PLANNED)**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
80		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
81		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
82		NTAC23		159.2475	CSQ	154.3250	156.7	A	Signed MOU
83		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
84		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
85		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
86		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
87		NTAC1		151.2050	CSQ	154.1750	156.7	A	Signed MOU
88		NTAC7		151.4300	CSQ	155.5800	156.7	A	Signed MOU
89		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
90		8TAC93		852.5125	CSQ	807.5125	156.7	A	Signed MOU
91		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU
92		NCALL3		159.4200	CSQ	154.0100	156.7	A	Southern Nevada
93		NTAC3		151.3100	CSQ	155.3550	156.7	A	Signed MOU
94		NTAC21		159.1500	CSQ	155.1450	156.7	A	Signed MOU
95		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
96		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
97		8TAC92		852.0125	CSQ	807.0125	156.7	A	Signed MOU
98		NCALL4		151.0850	CSQ	155.3850	156.7	A	Southern Nevada
99		NTAC8		153.7850	CSQ	156.1950	156.7	A	Signed MOU
100		NTAC17		159.0450	CSQ	155.1300	156.7	A	Signed MOU
101		8CALL90		851.0125	CSQ	806.0125	156.7	A	Statewide
102		8TAC91		851.5125	CSQ	806.5125	156.7	A	Signed MOU
103		8TAC94		853.0125	CSQ	808.0125	156.7	A	Signed MOU

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

4.4.14 Northwest Nevada Region 800 MHz Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **800 MHz**	Description **Northwest Nevada Region 800 MHz Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1									
2									
3									
4									

The convention calls for frequency lists to show four digits after the decimal place, followed by either an –N‖ or a –W‖, depending on whether the frequency is narrow or wide band. Mode refers to either –A‖ or –D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

4.4.15 Northwest Nevada Region VHF Shared Channel Information

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northwest Nevada Region VHF Shared Channels**

	Channel Configuration	Channel Name / Trunked Radio System Talkgroup	Eligible Users / Assignments	RX Freq N or W	RX Tone / NAC	TX Freq N or W	Tx Tone / NAC	Mode A, D. or M	Remarks
1		White 1		154.2800		154.2800		A	
2		White 2		154.2650		154.2650		A	
3		White 3		155.2950		155.2950		A	
4		EOC 1		155.1450		155.1450		A	
5		EOC 2		155.7150		155.7150		A	
6		Federal Law Enforcement		155.4750		155.4750		A	
7		State Law Enf		155.6550		155.6550		A	
8		Sierra Front HTF (Peavine)		169.8750	123.0	170.4750	123.0	A	
9		Sierra Front HTF (Slide)		169.8750	110.9	170.4750	110.9	A	
10		Sierra Front HTF (Leviathan)		169.8750	103.5	170.4750	103.5	A	
12		Sierra Front BLM (Cory PK)		169.9875	151.4	162.2375	151.4	A	
13		Sierra Front BLM (Ft Sage)		169.9875	173.8	162.2375	173.8	A	
14		Sierra Front BLM (Virginia Peak)		169.9875	114.8	162.2375	114.8	A	
15		Sierra Front BLM (McClellan)		169.9875	186.2	162.2375	186.2	A	
16		Sierra Front BLM Local		169.9875	146.2	169.9875	146.2	A	
17		Tahoe NF Fire Net		168.1750		170.6000		A	
18		Tahoe NF Forest Net (Babbit Pk)		168.7750	156.7	170.5750	156.7	A	
19		Tahoe NF Forest Net (Mt Rose)		168.7750	110.9	170.5750	110.9	A	
20		Tahoe NF Forest Net (Squaw Pk)		168.7750	167.9	170.5750	167.9	A	
21		NDF (Eagle Pk)		158.8950	146.2	159.4500	146.2	A	
22		NDF (Peavine)		158.8950	118.8	159.4500	118.8	A	
23		NDF (Snow Valley)		158.8950	127.3	159.4500	127.3	A	
24		NDF (Pinenut)		158.8950	136.5	159.4500	136.5	A	
25		CalFire NEU (Scout Pk)		154.1300	100.0	159.4950	100.0	A	
26		CalFire NEU (Mt Pluto)		154.1300	114.8	159.4950	114.8	A	
27		CalFire NEU (Squaw Pk)		154.1300	127.3	159.4950	127.3	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF**	Description **Northwest Nevada Region VHF Shared Channels**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
28		CalFire NEU (Mt Rose)		154.1300	103.5	159.4950	103.5	A	
29		Sierra Front HTF (Mean)		169.8750	156.7	170.4750	156.7	A	
30		Sierra Front HTF (Lobdell)		169.8750	146.2	170.4750	146.2	A	
31		Sierra Front HTF (Masonic)		169.8750	123.0	170.4750	123.0	A	
32		Sierra Front HTF (Cory)		169.8750	167.9	170.4750	167.9	A	
33		Air to Ground Primary		164.8750		164.8750		A	
34		Air to Ground Secondary		166.6875		166.6875		A	
35		BLM SOA		171.6750		171.6750		A	
36		BLM Guard 2		167.9500		167.9500		A	
37		NDF RED		159.3450		159.3450		A	
38		NDF RED2		158.8650		158.8650			
39		CALFIRE TAC1		151.1450		151.1450		A	
40		CALFIRE TAC2		151.1600		151.1600		A	
41		CALFIRE TAC3		151.1750		151.1750		A	
42		CALFIRE TAC4		151.1900		151.1900		A	
43		CALFIRE TAC5		151.2500		151.2500		A	
44		CALFIRE TAC6		151.3250		151.3250		A	
45		CALFIRE TAC7		151.3400		151.3400		A	
46		CALFIRE TAC8		151.3700		151.3700		A	
47		CALFIRE TAC9		151.3850		151.3850		A	
48		CALFIRE TAC10		151.4000		151.4000		A	
49		CALFIRE TAC11		151.4450		151.4450		A	
50		CALFIRE TAC12		151.4600		151.4600		A	
51		OES Fire T1		153.8300		153.8300		A	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTE:

4.5 Mutual Aid Channels

4.5.1 800 MHz NPSPAC Interoperability Channel List / After Rebanding

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **800 MHZ**			Description **STATEWIDE CHANNEL PLAN**
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	8CALL90	Any Public Safety	851.01250	156.7	806.01250	156.7	A	Usage Note 9
2	Repeater Pair	8CALL90D	Any Public Safety	851.01250	156.7	851.01250	156.7	A, D	Usage Note 9
3	Repeater Pair	8TAC91	Any Public Safety	851.51250	156.7	806.51250	156.7	A, D	Usage Note 9
4	Repeater Pair	8TAC91D	Any Public Safety	851.51250	156.7	851.51250	156.7	A, D	Usage Note 9
5	Repeater Pair	8TAC92	Any Public Safety	852.01250	156.7	807.01250	156.7	A, D	Usage Note 9
6	Simplex-base/MO	8TAC92D	Any Public Safety	852.01250	156.7	852.01250	156.7	A, D	Usage Note 9
7	Simplex-base/MO	8TAC93	Any Public Safety	852.51250	156.7	807.51250	156.7	A, D	Usage Note 9
8	Simplex-base/MO	8TAC93D	Any Public Safety	852.51250	156.7	852.51250	156.7	A, D	Usage Note 9
9	Simplex-base/MO	8TAC94	Any Public Safety	853.01250	156.7	808.01250	156.7	A, D	Usage Note 9
10	Simplex-base/MO	8TAC94D	Any Public Safety	853.01250	156.7	853.01250	156.7	A, D	Usage Note 9
The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.									

4.5.2 800 MHz NPSPAC Interoperability Channel List

Table Removed, ICALL/ITAC frequencies transferred to commercial entity

4.5.3 VHF Non-Federal National Interoperability Channel List3

VHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **VHF HIGHBAND**	Description **STATEWIDE CHANNEL PLAN**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Simplex-base/MO	VCALL10	Any Public Safety	155.7525N	None	Simplex	156.7	A	Usage Note 4, 8
2	Simplex-base/MO	VTAC11	Any Public Safety	151.1375N	None	Simplex	156.7	A	Usage Note 5, 8
3	Simplex-base/MO	VTAC12	Any Public Safety	154.4525N	None	Simplex	156.7	A	Usage Note 4, 5, 8
4	Simplex-base/MO	VTAC13	Any Public Safety	158.7375N	None	Simplex	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	VTAC14	Any Public Safety	159.4725N	None	Simplex	156.7	A	Usage Note 4, 5, 8
6									
7									

The convention calls for frequency lists to show four digits after the decimal place, followed by either an –N‖ or a –W‖, depending on whether the frequency is narrow or wide band. Mode refers to either –A‖ or –D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

**All frequencies are narrowband (11K0F3E) only. Radio channel names as listed in this Table are required.

FCC mandate for narrowband effective January 1, 2013. Channels may be used in wideband prior to that date.

4.5.4 UHF Non-Federal National Interoperability Channel List

UHF HIGHBAND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **UHF HIGHBAND**	Description **STATEWIDE CHANNEL PLAN**

	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1	Repeater Pair	UCALL40	Any Public Safety	453.2125N	None	458.2125N	156.7	A	Usage Note 8
2	Repeater Pair	UTAC41	Any Public Safety	453.4625N	None	458.4625N	156.7	A	Usage Note 5, 8
3	Repeater Pair	UTAC42	Any Public Safety	453.7125N	None	458.7125N	156.7	A	Usage Note 5, 8
4	Repeater Pair	UTAC43	Any Public Safety	453.8625N	None	458.8625N	156.7	A	Usage Note 5, 8
5	Simplex-base/MO	UCALL40D	Any Public Safety	453.2125N	None	Simplex	156.7	A	Usage Note 8
6	Simplex-base/MO	UTAC41D	Any Public Safety	453.4625N	None	Simplex		A	Usage Note 5, 8
7	Simplex-base/MO	UTAC42D	Any Public Safety	453.7125N	None	Simplex		A	Usage Note 5, 8
8	Simplex-base/MO	UTAC43D	Any Public Safety	453.8625N	None	Simplex		A	Usage Note 5, 8

The convention calls for frequency lists to show four digits after the decimal place, followed by either an –N‖ or a –W‖, depending on whether the frequency is narrow or wide band. Mode refers to either –A‖ or –D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

4.5.5 Fallon Police Department Radio Cache Channel List

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF Analog**		Description **Fallon Police Department Radio Cache Channel Listing**	
	Channel Configuration	**Channel Name / Trunked Radio System Talkgroup**	**Eligible Users / Assignments**	**RX Freq N or W**	**RX Tone / NAC**	**TX Freq N or W**	**Tx Tone / NAC**	**Mode A, D. or M**	**Remarks**
1		Repeater P25 Coded		159.1575	770	156.0375	770		
2		Repeater P25 Clear		159.1575	770	156.0375	770		
3		Repeater Analog		155.4900	97.4	154.6500	77		
4		Local Rptr T/A		155.0550	91.5	155.0550	91.5		
5		Rattlesnake Repeater		155.1900	100.0	155.9100	162.2		
6		Fairview Repeater		155.1900	100.0	155.9100	100		
7		Desert Pk Repeater		155.1900	100.0	155.9100	127.3		
8		NV Mutual Aid 1		155.4750	CSQ	155.4750	CSQ		
9		Law Enforcement M/A		155.6550	CSQ	155.6550	CSQ		
10		Eagle Rptr SO-2		159.2100	146.2	156.1050	136.5		
12		Como Rptr SO-2		159.2100	146.2	156.1050	127.3		
13		Pershing Co SO "		154.9650	CSQ	154.9650	167.9		
14		Mineral Co SO		155.1150	CSQ	155.1150	CSQ		
15		P25 Coded Rptr T/A		159.1575	770.0	159.1575	770		
16		Anaton Rptr TlA		155.4900	97.4	155.4900	97.4		
17		Analog Rptr T/A		155.1900	100.0	155.1900	100		
18		Duck Hill Repeater		155.9700	CSQ	155.2500	127.3		
19				154.7250	146.2	154.7250	146.2		
20		SO 2 Rptr T/A		151.2650	071	151.2650	071		
21				151.3400	CSQ	151.3400	CSQ		
22				155.1600	CSQ	151.1600	CSQ		
23		Rptr T/A		154.8900	CSQ	154.8900	100.0		
24		Primary Rptr T/A		155.9700	CSQ	155.9700	127.3		
25		Rptr T/A		155.6100	85.4	155.6100	85.4		
26		Rptr T/A		155.6250	131.8	155.6250	131.8		
27		Rptr T/A		155.8950	CSQ	155.8950	82.5		
28		Rptr T/A		155.0550	131	155.0550	131		
29		Railroad ch-78		161.2800	CSQ	161.2800	CSQ		
30		Rattlesnake Repeater		155.0550	91.5	150.7900	131.8		
The convention calls for frequency lists to show four digits after the decimal place, followed by either an -N‖ or a -W‖, depending on whether the frequency is narrow or wide band. Mode refers to either -A‖ or -D‖ indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.									

All of the above channels/talkgroups are available on both WCRCS and NSRS systems for authorized users that have requested access to these channels through each system administrator

4.6 Gateways (Pending)

Gateway Name	Owning/Managing POC Information			Day-to-Day or Incident / Event	Make / Model	Fixed / Mobile	No. of Simultaneous Nets	No. of Ports
	Agency	Title	Phone					
WCRCS Conventional Interface	Washoe County Telecomm.			Day-to-Day and/or Major Incident	4 Wire Tone Control	Fixed and/or mobile	24	17
Incline Village	North Lake Tahoe FPD			Day-to-Day	Tyco Electronics Conventional Interface	Fixed	24	17
Fallon Police Department	Fallon Police Department			Major Incident	Communications Applied Tech	Mobile	5	7

4.7 Cache Radios

Radio Cache Name	Make / Model	Owning/Managing POC Information			Frequency Band	Fixed / Mobile
		Agency	Title	Phone		
Washoe County Radio Cache	Harris Corporations 7200 with vehicular charger, lithium chargeable battery, clamshell and lithium AA batteries	Washoe County Emergency Operations Center			800 MHz / 700 MHz Trunked Conventional P25 Open Sky	48
Fallon Police Department	Bendix King, w/ spare battery, speaker, mic and charger	Fallon Police Department			VHF Analog	5
Sparks Fire Department	Motorola MTS2000	Sparks Fire Department			800 MHz Conventional Analog	21

4.8 Mobile Communication Units

Unit ID/ Designator	FEMA Type	Owing / Managing POC Information			Deployment Area
		Agency	Title	Phone	
Comm 1	FEMA Type 1	Carson City Fire Department			City of Carson Only
SAR	FEMA Type 3	Lyon County SO			Lyon County
MCU-1	Non-typed Converted Ambulance	Lyon County SO			Lyon County
Unit #14 Converted Ambulance	Non-typed Converted Ambulance	Fallon Police Department			Churchill County
Reno Command Van	FEMA Type 1	Reno Fire Department			Washoe County – outside area with authorization
Sparks Police MCC	FEMA Type 3	Sparks Police Department			Washoe County – outside area with authorization
Unit 900	FEMA Type 1	Douglas County			Within Mutual Aid Region 1
Nevada Highway Patrol					
Reno Police Department					
Washoe County					
Nevada Division of Environmental Protection (NDEP)					
BLM					
Sierra Front Wildfire Cooperators	Non-type Trailer	Sierra Front Cooperators, Minden Dispatch			Sierra Front response area
University of Nevada, Reno (UNR)					
Washoe County School District					
Nevada DEM					

4.9 Agency 24/7 Contact Information for Public Safety Communications Centers

Name	24/7 Contact	Organizations / Agencies Served
LOCAL		
Carson City Sheriff's Office	775-887-2020	All agencies in Carson City, including Sheriff's Office, Animal Control PD, 2 FD/EMS, City departments, and Washoe Tribal PD
Churchill County SO	775-423-3116	County Fire, EMS, Sheriff's Office (primary); BLM, State Parks Department, NDOW (secondary); Churchill County Sheriff's Office, Banner Health (ambulance) Fallon/Churchill
Fallon PD	775-423-4904	Fallon Police Department & Fallon Department Works (after hours)
Douglas County	775-782-9977	Primary agencies: Douglas County Sheriff's Office, East Fork Fire & Paramedic Districts, Tahoe Douglas Fire District, Alpine County Sheriff's Office, Alpine County Fire & EMS (which includes, Markleeville-Woodfords VFD, Kirkwood VFD & Ebbetts Pass VFD [CALFire]), Washoe Tribe Police Department, Washoe Tribe Animal Control, Douglas County Search & Rescue, Douglas County Animal Services Secondary agencies: Nevada State Parks – LTNSP Cave Rock, Nevada Highway Patrol (when their radio is in-op), California Highway Patrol (when in Alpine area), Douglas County road & signal maintenance, All county GID's – after hours emergency contact, All towns – after hours emergency contact
Sierra Front Interagency Dispatch Center	775-782-6281	NDF/BLM/USFS All-Risk Fire Station for Washoe, Pershing, Churchill, Mineral, Esmeralda, Nye Lincoln and Clark Counties
Lyon County SO	775-463-6616 775-463-6620	Lyon County Sheriff, Lyon County Juvenile Probation, Lyon County Animal Services., Lyon county Road Department, Yerington PD (contracted from County), Yerington Paiute Police Department, Central Lyon County Fire District, Mason Valley Fire District, North Lyon county Fire District, Smith Valley Fire District, Fernley Volunteer Fire Department – EMS, Nevada State Parks, Walker River Justice Court, Dayton Justice Court, Fernley Justice Court, City of Yerington, City of Fernley
Mineral County SO	775-945-2434 775-945-2497	Mineral County Sheriff's Office, Mineral County Fire and EMS, Walker River Tribal Police, and Schurz Fire Department and EMS.
Storey County	775-847-0950	All agencies in county
Paiute Tribal Police	775-574-1014	Paiute PD
REMSA	775-858-5700	All EMS in Washoe County except Incline and Gerlach
Reno Police Department	775-334-3845	Reno PD, University of Nevada-Reno, Truckee C-Comm, Washoe County Sheriff, Reno Marshal's Office, Reno FD, Sierra FD, Truckee Meadows FD, Reno/Sparks Tribal FD, Pyramid Lake Tribal FD
North Lake Tahoe Fire Protection District	775-832-4110	North Tahoe FPD/EMS, Washoe County Animal Services, Reno/Sparks Tribal PD, Pyramid Lake Tribal PD
Sparks Police Department	775-353-2231	All City agencies
Non-Emerg. Dispatch	775-348-0285 Extension 1	School District PD
STATE		
Nevada Department of Public Safety	775-688-2830	Capitol Police, Highway Patrol, Investigations, Parole & Probation
NDOT		Nevada Department of Transportation
Grass Valley ECC	530-477-0641	National Interagency Fire agencies in Northern California. Truckee, Northstar, Meeks Bay, North Tahoe Fire District, and Squaw Valley.
Camino Dispatch	530-642-5170	CALFIRE agencies on Western Slope of Sierra Nevadas in El Dorado County
FEDERAL		
	202-208-6843	U.S. National Park Service
	202-513-0501	U.S. Bureau of Reclamation

Name	24/7 Contact	Organizations / Agencies Served
	626-405-1200	U.S. Postal Inspectors
	202-406-5708	U.S. Secret Service
	202-305-2734	U.S. Immigration and Customs Enforcement
	202)208-7163	Bureau of Indian Affairs
	202-305-8500	U.S. Drug Enforcement Agency (DEA)
	301-492-5990	U.S. Parole and Probation
	866-835-5322	Federal Aviation Administration
	866-289-9673	U.S. Transportation Security Administration
	775-778-6718	National Weather Service

Appendix A Channel Guide

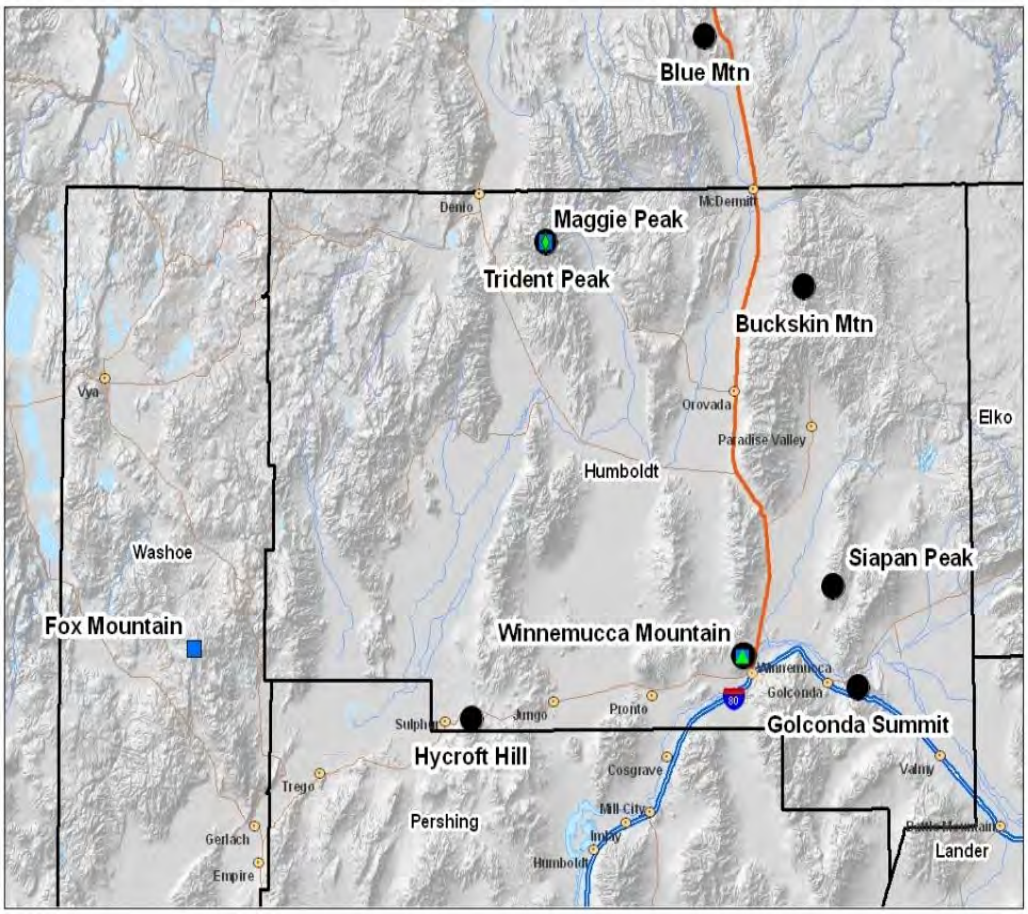
This appendix contains a series of maps indicating locations of VHF repeater sites for the Counties, the Nevada Department of Wildlife (NDOW) and the Nevada Division of Forestry (NDF). For Nevada State Parks, the State Park repeater sites as well as the State Park bases are indicated. Finally, the intended State cross-band repeater sites, both current and future, are indicated on the maps.

The Index of Maps is on the next page. For all maps, the following legend is used:

All frequencies and tones provided in this Guide are referenced to the mobile and/or mobile programming.

The channel names and frequencies for counties are only provided once with the respective county map. State Agency sites and frequencies, as well as the state cross-band repeater channel names and sites, are provided on all maps where the sites are shown.

A.1 Humboldt County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

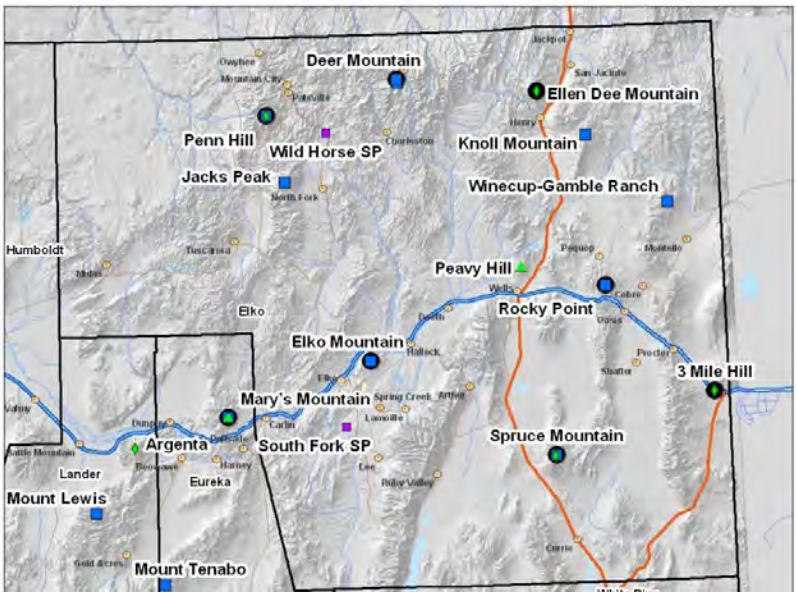
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Winnemucca Mountain	NCALL2 / 8CALL90	NTAC2 / 8TAC91	NTAC19 / 8TAC92	
Trident Peak	NCALL2 / 8CALL90	NTAC16 / 8TAC93	NTAC22 / 8TAC94	Y

Humboldt County Dispatch Center: (775) 623-6429

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
SO Local 2	Winnemucca Mtn.	154.7450	187.9	153.8750	167.9	W	A
Sheriff	Trident Peak	155.6250	131.8	155.0100	100.0	W	A
Sheriff	Golconda Summit	155.6250	131.8	155.0100	114.8	W	A
Sheriff	Buckskin Mountain	155.6250	131.8	155.0100	110.9	W	A
Sheriff	Blue Mtn.	155.6250	131.8	155.0100	127.9	W	A
Sheriff	Hycroft Hill	155.6250	131.8	155.0100	141.3	W	A
Rural Fire Repeater	Winnemucca Mtn.	155.0850	100.0	155.8800	100.0	W	A
Local Fire	Local	153.7700	100.0	153.7700	100.0	W	A
Trident Fire Repeater	Trident Peak	153.7700	100.0	154.4140	100.0	W	A
Golconda Fire Rptr	Golconda Summit	153.7700	100.0	154.4140	114.8	W	A
Golconda Fire TAC 1	Siapan Peak	153.9800	123.0	155.8050	123.0	W	A
Golconda Fire TAC 2	Golconda Summit	153.9650	141.3	155.9400	141.3	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Winnemucca Mt	158.8950		159.4500	88.5	W	A
NDOW	Fox Mountain	151.4750	67.0	151.60	94.8	W	A
NDOW	Winnenucca Mt	151.4750	110.9	151.60	123.0	W	A
NDOW	Maggie Peak	151.4900	173.8	151.60	88.5	W	A

A.2 Elko County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Elko Mountain	NCALL2 / 8CALL90	NTAC5 / 8TAC91	NTAC19 / 8TAC92	
Mary's Mountain	NCALL2 / 8CALL90	NTAC16 / 8TAC93	NTAC22 / 8TAC94	
Peavy Hill	NCALL2 / 8CALL90	NCALL3 / 8TAC93	NTAC21 / 8TAC94	
3 Mile Hill	NCALL2 / 8CALL90	NTAC20 / 8TAC93	NTAC23 / 8TAC94	Y
Ellen Dee Mountain	NCALL2 / 8CALL90	NTAC13 / 8TAC91	NTAC20 / 8TAC92	Y
Spruce Mountain	NCALL2 / 8CALL90	NTAC3 / 8TAC91	NTAC22 / 8TAC92	Y
Penn Hill	NCALL2 / 8CALL90	NTAC15 / 8TAC93	NTAC22 / 8TAC94	Y
Argenta	NCALL2 / 8CALL90	NTAC3 / 8TAC91	NTAC20 / 8TAC92	Y

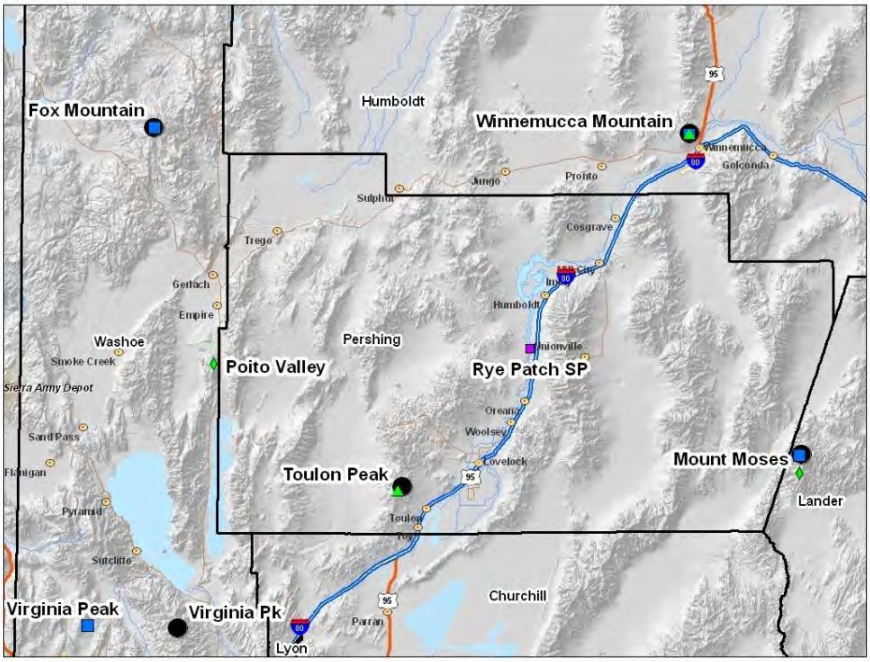
Elko County Dispatch Center: (775) 777-7301

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Elko Mountain	155.0550		154.0400	107.2	W	A
Sheriff	Mary's Mountain	155.0550		154.0400	141.3	W	A
Sheriff	Rocky Point	155.0550		154.0400	100.0	W	A
Sheriff	Penn Hill	155.0550		154.0400	114.8	W	A
Sheriff	Deer Mountain	155.0550		154.0400	151.4	W	A
Sheriff	Ellen Dee	155.0550		154.0400	127.3	W	A
Sheriff	Spruce	155.0550		154.0400	173.8	W	A
Sheriff	3 Mile	155.0550		154.0400	82.5	W	A
Elko Fire	Local	154.1300		154.1300	156.7	W	A
Elko Fire	Elko Mountain	154.1300		156.000		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Penn Hill	158.8950		159.4500	107.2	W	A
NDF	Deer Mtn.	158.8950		159.4500	88.5	W	A
NDF	Elko Mtn.	158.8950		159.4500	127.3	W	A
NDF	Knoll Mtn.	158.8950		159.4500	118.8	W	A
NDF	Winecup-Gamble Ranch	158.8950		159.4500	136.5	W	A
NDF	Rocky Point	158.8950		159.4500	94.8	W	A
NDF	Mary's Mtn.	158.8950		159.4500	118.8	W	A
NDF	Spruce Mtn.	158.8950		159.4500	146.2	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Tenabo Mountain	158.8950		159.4500	136.5	W	A
NDOW	Elko Mountain	151.4750	74.4	151.60	123.0	W	A
NDOW	Spruce Mt.	151.4750	74.4	151.60	97.4	W	A
NDOW	Knoll Mt.	151.4750	74.4	151.60	85.4	W	A
NDOW	Jacks Peak	151.4750	74.4	151.60	100.0	W	A
NDOW	Deer Mtn.	151.4750	74.4	151.60	203.5	W	A
NDOW	Mount Lewis	151.4750	74.4	151.60	203.5	W	A
State Parks Parks 2	Wild Horse Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	South Fork Simplex	151.3400	131.8	151.3400	131.8	W	A

A.3 Pershing and Northern/Central Washoe Counties Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Winnemucca Mountain	NCALL2 / 8CALL90	NTAC2 / 8TAC91	NTAC19 / 8TAC92	
Toulon Peak	NCALL1 / 8CALL90	NTAC10 / 8TAC91	NTAC20 / 8TAC92	
Poito Valley	NCALL1 / 8CALL90	NTAC15 / 8TAC93	NTAC22 / 8TAC94	Y
Mount Moses	NCALL2 / 8CALL90	NTAC16 / 8TAC93	NTAC22 / 8TAC94	Y

Pershing County Dispatch Center: (775) 273-2641

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	154.9650	167.9	154.9650	167.9	W	A
Sheriff	Mount Moses	154.9650		155.8350	114.8	W	A
Sheriff	Winnemucca Mtn.	154.9650	100.0	155.8350	100.0	W	A
Sheriff	Toulon Peak	154.9650	179.9	155.8350	167.9	W	A
Fire	Local	154.4300		154.4300		W	A
Fire	Toulon Peak	154.4300		153.8900		W	A

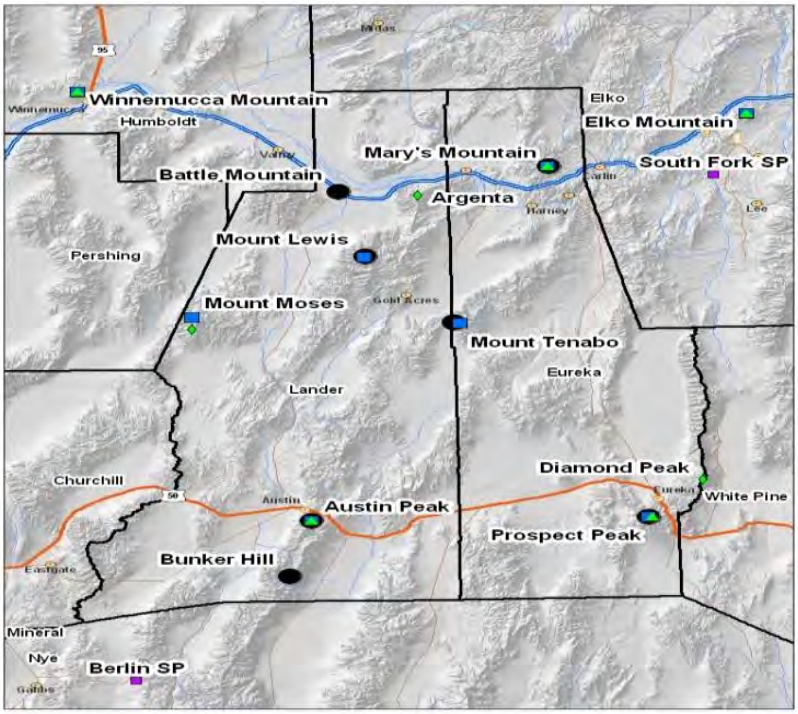
Washoe County

Reno ECOM: (775) 334-2399

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
TMFPD	Fox Mtn / Gerlach	158.7450		159.3900	127.3	W	A
TMFPD	Virginia Pk	158.7450		159.3900	136.5	W	A

State Agency /Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Winnemucca Mt	158.8950		159.4500	88.5	W	A
NDOW	Winnenucca Mt	151.4750	110.9	151.60	123.0	W	A
NDOW	Mount Moses	151.4750	74.4	151.60	203.5	W	A
NDOW	Fox Mountain	151.4750	67.0	151.60	94.8	W	A
NDOW	Virginia Peak	151.4750	67.0	151.60	123.0	W	A
State Parks Parks 2	Rye Patch Simplex	151.3400	131.8	151.3400	131.8	W	A

A.4 Lander and Eureka Counties Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Winnemucca Mountain	NCALL2 / 8CALL90	NTAC2 / 8TAC91	NTAC19 / 8TAC92	
Mary's Mountain	NCALL2 / 8CALL90	NTAC16 / 8TAC93	NTAC22 / 8TAC94	
Elko Mountain	NCALL2 / 8CALL90	NTAC5 / 8TAC91	NTAC19 / 8TAC92	
Austin Mountain	NCALL2 / 8CALL90	NTAC2 / 8TAC93	NTAC6 / 8TAC94	
Prospect Peak	NCALL2 / 8CALL90	NTAC5 / 8TAC91	NTAC21 / 8TAC92	
Mount Moses	NCALL2 / 8CALL90	NTAC16 / 8TAC93	NTAC22 / 8TAC94	Y
Argenta	NCALL2 / 8CALL90	NTAC3 / 8TAC91	NTAC20 / 8TAC92	Y
Diamond Peak	NCALL2 / 8CALL90	NTAC15 / 8TAC93	NTAC20 / 8TAC94	Y

Lander County Dispatch Center: 775-635-5161

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.8950		155.8950		W	A
Sheriff	Battle Mtn.	155.8950		154.8150		W	A
Sheriff	Mt. Lewis	155.8950		154.8150	100.0	W	A
Sheriff	Austin Peak	155.8950		154.8150	156.7	W	A
Sheriff	Bunker Hill	155.8950		154.8150	173.8	W	A
Sheriff	Mount Tenabo	155.8950		154.8150		W	A

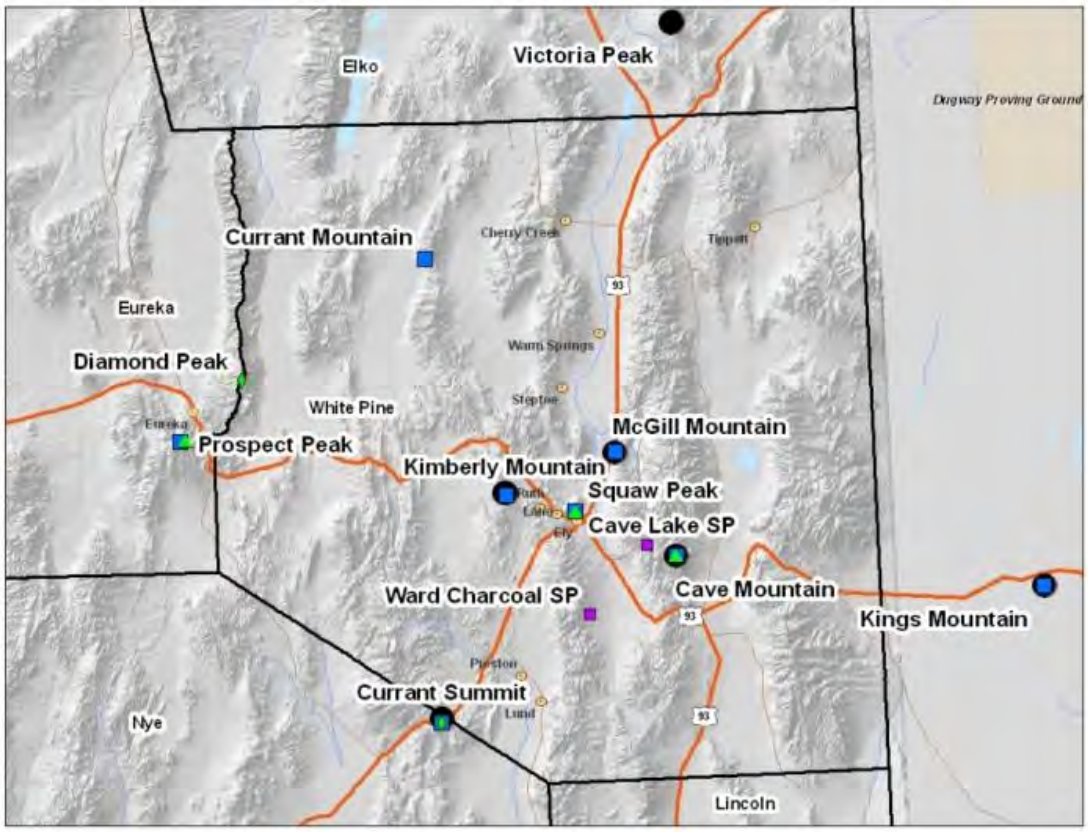
Eureka County Dispatch Center: 775-237-5330

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.0700		155.0700		W	A
Sheriff	Prospect Peak	155.0700		155.7900	100.0	W	A
Sheriff	Mount Tenabo	155.0700		155.7900	131.8	W	A
Sheriff	Mary's Mountain	155.0700		155.7900	114.8	W	A
Eureka Fire	Local	154.1300		154.1300		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Winnemucca Mt	158.8950		159.4500	88.5	W	A
NDF	Mary's Mountain	158.8950		159.4500	118.8	W	A
NDF	Elko Mountain	158.8950		159.4500	127.3	W	A
NDF	Tenabo Mountain	158.8950		159.4500	136.5	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Prospect Peak	158.8950		159.4500	107.2	W	A
NDOW	Winnenucca Mt	151.4750	110.9	151.60	123.0	W	A
NDOW	Elko Mountain	151.4750	74.4	151.60	123.0	W	A
NDOW	Mount Moses	151.4750	74.4	151.60	203.5	W	A
NDOW	Mount Lewis	151.4750	74.4	151.60	203.5	W	A
NDOW	Austin Peak	151.4750	74.4	151.60	103.5	W	A
NDOW	Prospect Peak	151.4750	67.0	151.60	91.5	W	A
State Parks Parks 2	South Fork Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Berlin Simplex	151.3400	131.8	151.3400	131.8	W	A

A.5 White Pine County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Prospect Peak	NCALL2 / 8CALL90	NTAC5 / 8TAC91	NTAC21 / 8TAC92	
Squaw Peak	NCALL2 / 8CALL90	NTAC13 / 8TAC93	NTAC19 / 8TAC94	
Cave Mountain	NCALL2 / 8CALL90	NTAC5 / 8TAC91	NTAC21 / 8TAC92	
Diamond Peak	NCALL2 / 8CALL90	NTAC15 / 8TAC93	NTAC20 / 8TAC94	Y
Currant Summit	NCALL3 / 8CALL90	NTAC3 / 8TAC91	NTAC23 / 8TAC92	Y

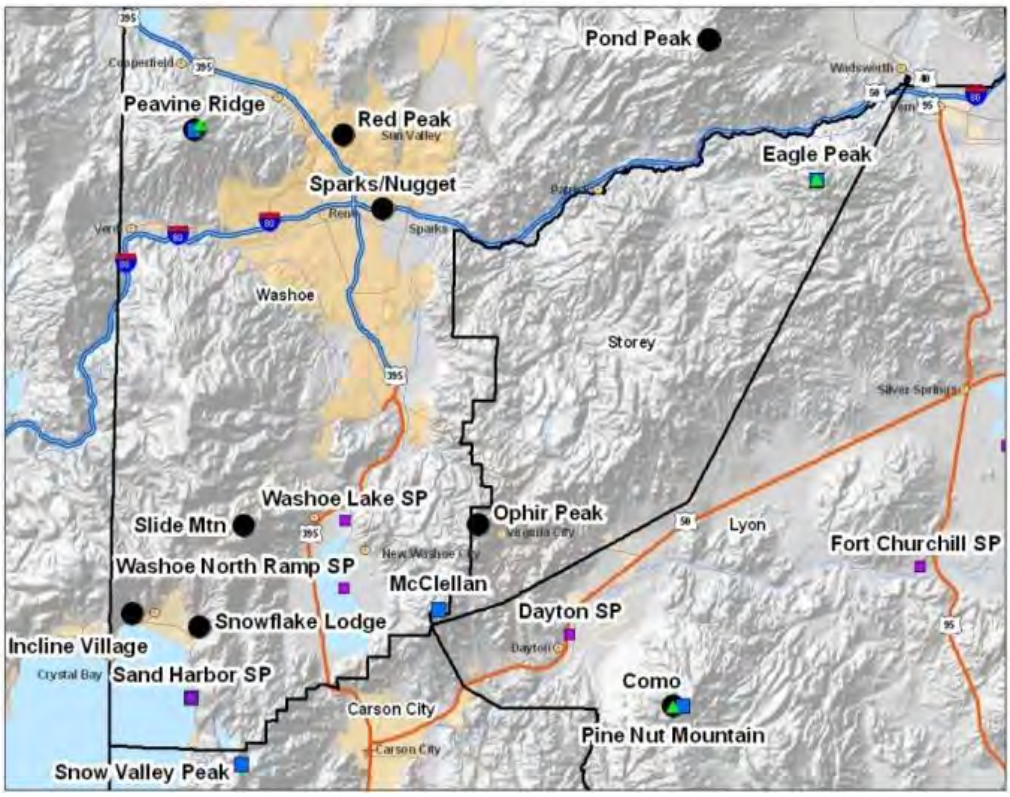
White Pine County Dispatch Center: 775-289-4833

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.1000		155.1000		W	A
Sheriff	Kimberly	155.1000	127.3	155.8050	127.3	W	A
Sheriff	Cave Mountain	155.1000	114.8	155.8050	114.8	W	A
Sheriff	Victoria Peak	155.1000	100.0	155.8050	100.0	W	A
Ely Fire Dept.	Local	154.4000		154.4000		W	A
Fire District	Local	159.1800		159.1800		W	A
Fire District	Kimberly	159.1800		153.9650		W	A
Fire District	Cave Mountain	159.1800		153.9650		W	A
Fire District	Kings Mountain	159.1800		153.9650		W	A
Fire District	Currant Summit	159.1800		153.9650		W	A
Fire District	McGill	159.1800		153.9650		W	A
Fire District	Victoria Peak	159.1800		153.9650		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Prospect Peak	158.8950		159.4500	107.2	W	A
NDF	Currant Mountain	158.8950		159.4500	94.8	W	A
NDF	Kimberly Mountain	158.8950		159.4500	100.0	W	A
NDF	McGill Mtn.	158.8950		159.4500	136.5	W	A
NDF	Cave Mtn.	158.8950		159.4500	88.5	W	A
NDF	Kings Mtn.	158.8950		159.4500	136.5	W	A
NDOW	Prospect Peak	151.4750	67.0	151.60	91.5	W	A
NDOW	Cave Mtn.	151.4750	67.0	151.60	123.0	W	A
NDOW	Currant Summit	151.4750	67.0	151.60	94.8	W	A
State Parks Parks 1	Squaw Peak Rptr	151.3400	131.8	159.3750	131.8	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
State Parks Parks 2	Cave Lake Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Ward Charcoal Simplex	151.3400	131.8	151.3400	131.8	W	A

A.6 Storey and Southern Washoe Counties Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Peavine Ridge	NCALL1 / 8CALL90	NTAC10 / 8TAC91	NTAC20 / 8TAC92	
Eagle Peak	NCALL1 / 8CALL90	NTAC12 / 8TAC91	NTAC21 / 8TAC92	
Pine Nut Mountain	NCALL1 / 8CALL90	NTAC4 / 8TAC93	NTAC22 / 8TAC94	

Storey County Dispatch Center: 775-847-0950

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.1000		155.1000		W	A
Sheriff	Kimberly	155.1000	127.3	155.8050	127.3	W	A
Sheriff	Cave Mountain	155.1000	114.8	155.8050	114.8	W	A
Sheriff	Victoria Peak	155.1000	100.0	155.8050	100.0	W	A
Ely Fire Dept.	Local	154.4000		154.4000		W	A
Fire District	Local	159.1800		159.1800		W	A
Fire District	Kimberly	159.1800		153.9650		W	A
Fire District	Cave Mountain	159.1800		153.9650		W	A
Fire District	Kings Mountain	159.1800		153.9650		W	A
Fire District	Currant Summit	159.1800		153.9650		W	A
Fire District	McGill	159.1800		153.9650		W	A
Fire District	Victoria Peak	159.1800		153.9650		W	A

Washoe County

Reno ECOM: 775-334-2399

Sparks Dispatch: 775-353-2231

Washoe County Sheriff's Office Incline: 775-832-4110 or 775-831-0587

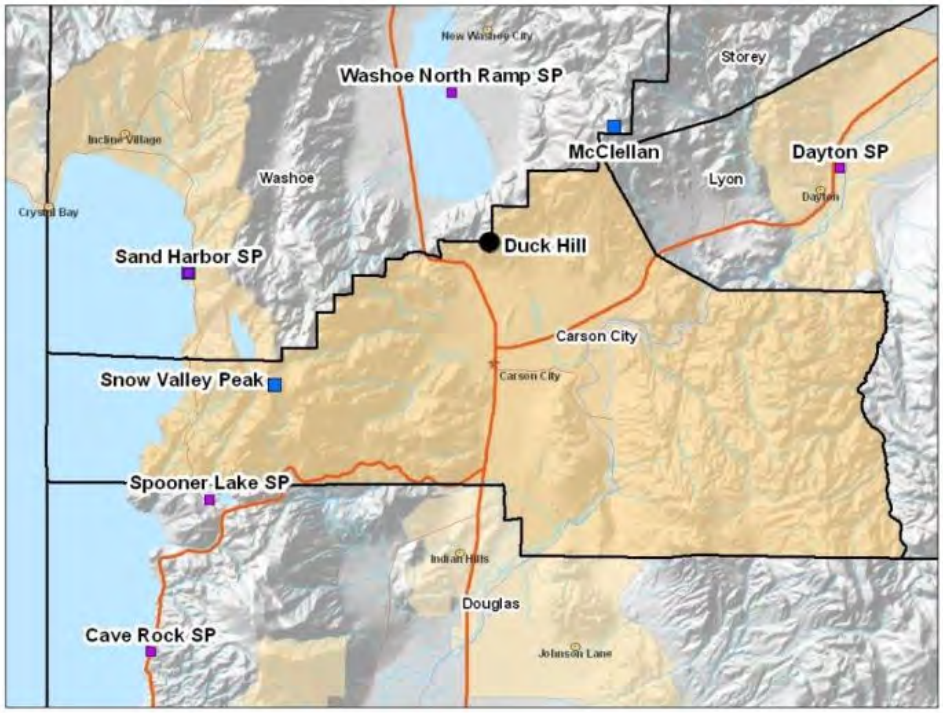
Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
TMFPD	Peavine	158.7450		159.3900	118.8	W	A
TMFPD	Slide	158.7450		159.3900	107.2	W	A
NLFTPD / Main	Incline Village	154.2350		154.2350		W	A
WHITE 1	Incline Village	154.2800		154.2800		W	A
WCSO / WHITE	Incline Village	155.9850	107.2	155.9850	107.2	W	A
8CALL90	Peavine / Tahoe	851.0125		806.0125	156.7	*	A
8TAC91	Peavine / Tahoe	851.5125		806.5125	156.7	*	A
8TAC92	Peavine	852.0125		807.0125	156.7	*	A

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
8TAC93	Red Peak	852.5125		807.5125	156.7	*	
8TAC94	Slide Mtn	853.0125		808.0125	156.7	*	
NA LAW	Red	853.7375		808.7375	156.7	*	
NA FIRE	Nugget	853.9875		808.9875	156.7	*	

* NPSPAC

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Peavine	158.8950		159.4500	118.8	W	A
NDF	Eagle Peak	158.8950		159.4500	146.2	W	A
NDF	McClellan	158.8950		159.4500	107.2	W	A
NDF	Pine Nut	158.8950		159.4500	136.5	W	A
NDF	Snow Valley Peak	158.8950		159.4500	127.3	W	A
NDOW	Snow Valley Peak	151.4750	67.0	151.600	114.8	W	A
State Park Parks 4	Sand Harbor	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 1	Snow Valley Rptr	151.3400	131.8	159.3750	131.8	W	A
State Park Parks 2	Washoe Lake Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Washoe North Ramp Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Silver Springs Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Fort Churchill Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Dayton Simplex	151.3400	131.8	151.3400	131.8	W	A

A.7 Carson City Map and Channels

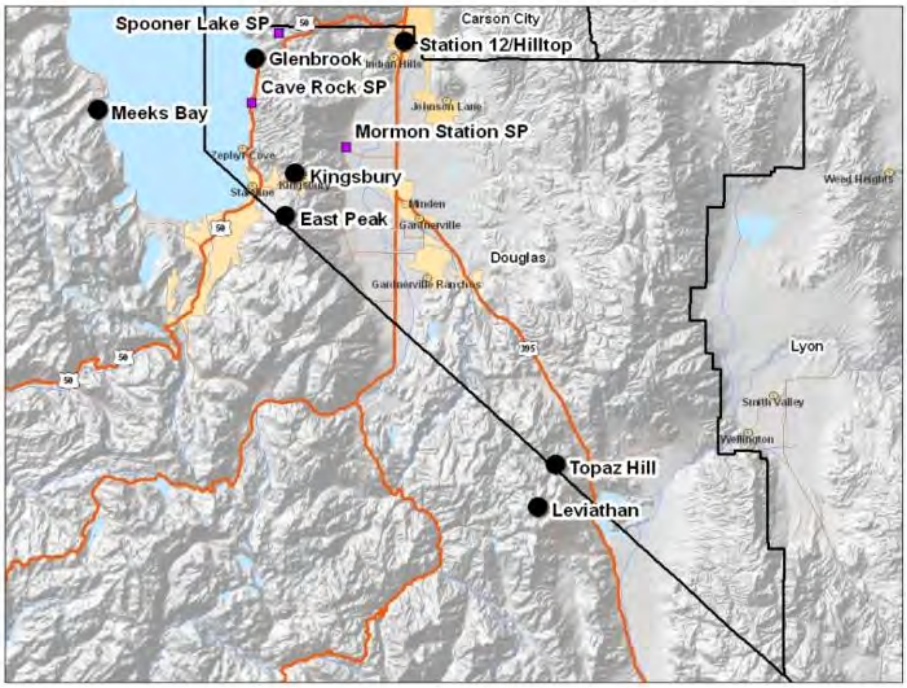


Carson City Dispatch Center: 775-887-2009

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
SO Primary	Duck Hill	159.9700		155.2500	127.3	W	A
SO Secondary	Duck Hill	154.1750	127.3	155.5350	127.3	W	A
SO Tac 1	Local	154.2575	73.0	154.2575	73.0	W	A
FD Main Repeater	Duck Hill	154.4300	71.9	153.8450	71.9	W	A
FD Main Simplex	Local	154.4300		154.4300		W	A
FD Tac 1	Local	154.1450		154.1450		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	McClellan	158.8950		159.4500	107.2	W	A
NDF	Snow Valley Peak	158.8950		159.4500	127.3	W	A
NDOW	Snow Valley Peak	151.4750	67.0	151.60	114.8	W	A
State Parks Parks 4	Sand Harbor	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 1	Snow Valley Rptr	151.3400	131.8	159.3750	131.8	W	A
State Parks Parks 2	Washoe North Ramp Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Spooner Lake Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Dayton Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Cave Rock Simplex	151.3400	131.8	151.3400	131.8	W	A

A.8 Douglas County Map and Channels

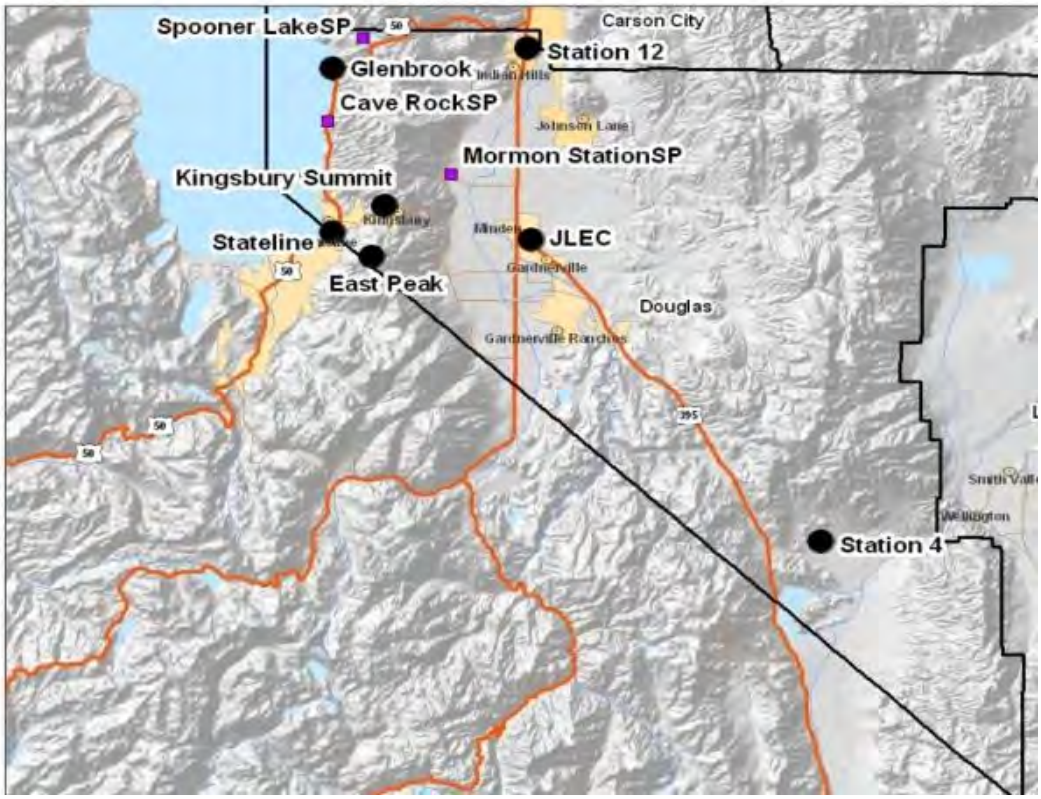


Douglas County Dispatch Center: 775-782-5126

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
DCSO Valley	Local	154.7400	100.0	154.7400	100.0	W	A
DCSO N / S	Local	154.8900		154.8900		W	A
DCSO East Peak	East Peak	154.7400	100.0	155.6250	100.0	W	A
DCSO Hilltop	Hilltop	154.8900	100.0	155.6250	100.0	W	A
DCSO Topaz Hill	Topaz Hill	154.8900	100.0	155.6250	100.0	W	A
DCSO Glenbrook	Glenbrook	154.8900	100.0	155.6250	100.0	W	A
DCSO Kingsbury	Kingsbury	154.8900	100.0	155.6250	136.5	W	A
DC SAR	Rptr	156.2250	141.3	159.0375	141.3	N	A
EFFPD	Local	155.0850		155.0850		W	A
EFFPD	Leviathan	155.0850		155.7750	100.0	W	A
TDF	Local	155.0250	100.0	155.0250	100.0	W	A
TDF	Meeks Bay	155.0250	167.9	158.7750	100.0	W	A
TDF	Admin	155.0550	100.0	155.0550	100.0	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
State Parks Parks 2	Spooner Lake Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Mormon Station Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Cave Rock Simplex	151.3400	131.8	151.3400	131.8	W	A

A.9 Douglas County Map and Channels (New Configuration



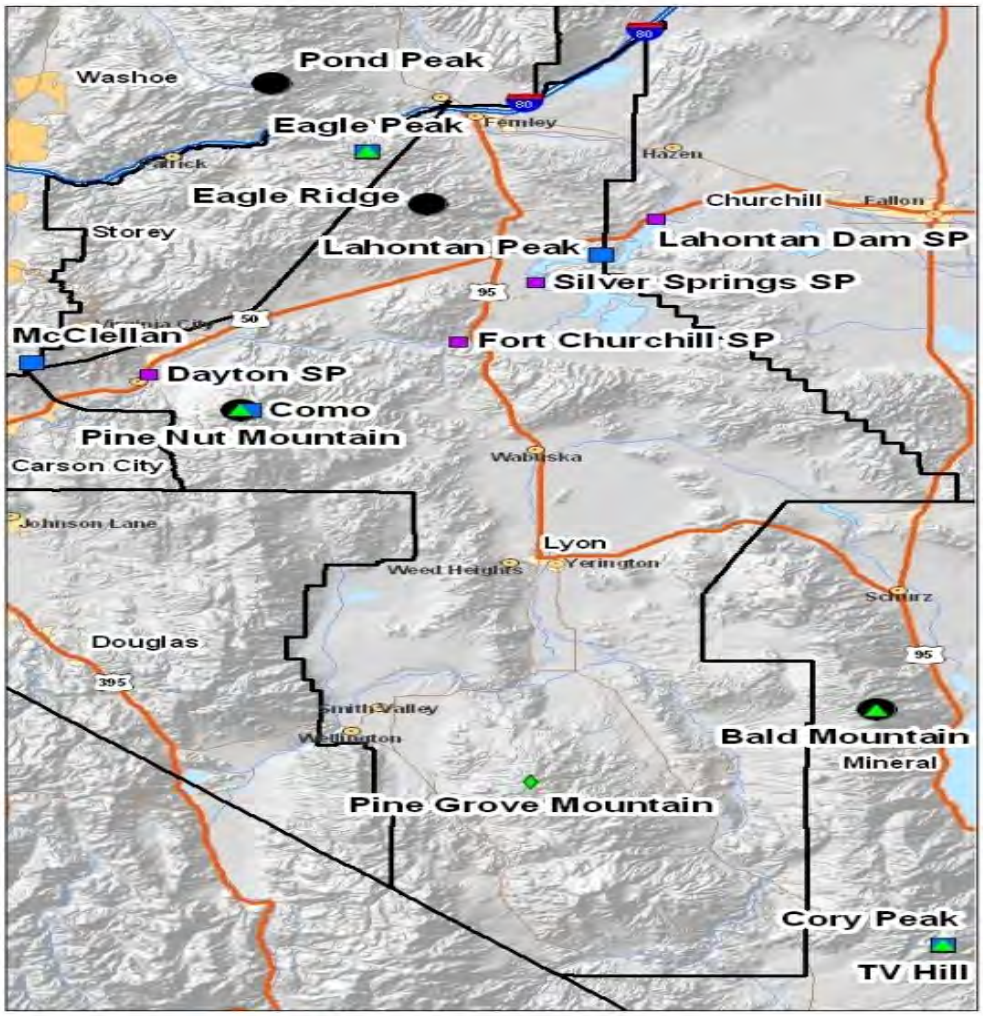
Douglas County Dispatch Center: 775-782-5126

New Configuration

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
DCSO	Station 4	155.1300	127.3	155.6250	D306	N	A
DCSO	JLEC	154.8900	67.0	155.6250	D306	N	A
DCSO	Station 12	155.1300	192.8	155.6250	D306	N	A
DCSO	Glenbrook	154.8900	162.2	155.6250	D306	N	A
DCSO	Stateline	155.1300	D261	155.6250	D306	N	A
EFFPD	Station 4	151.2350	136.5	155.7750	D172	N	A
EFFPD	JLEC	158.7975	D245	155.7750	D172	N	A
EFFPD	Station 12	151.2350	D206	155.7750	D172	N	A
TDF	Stateline	156.1125	D131	158.7750	D264	N	A
TDF	Glenbrook	159.2475	186.2	158.7750	D264	N	A
TDF	Station 12	155.0250	D023	158.7750	D264	N	A
Shared / TAN	County wide	155.6400		155.6400		N	A
Fire / BLUE	Kingsbury Summit	155.1150	100	155.8050	100	N	A
Fire / YELLOW	County wide	155.1150		155.1150		N	A
Law / ORANGE	East Peak	156.2250	141.3	159.0375	141.3	N	A
Law / GREEN	County wide	156.2250		156.2250		N	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
State Parks Parks 2	Spooner Lake Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Mormon Station Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Cave Rock Simplex	151.3400	131.8	151.3400	131.8	W	A

A.10 Lyon County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

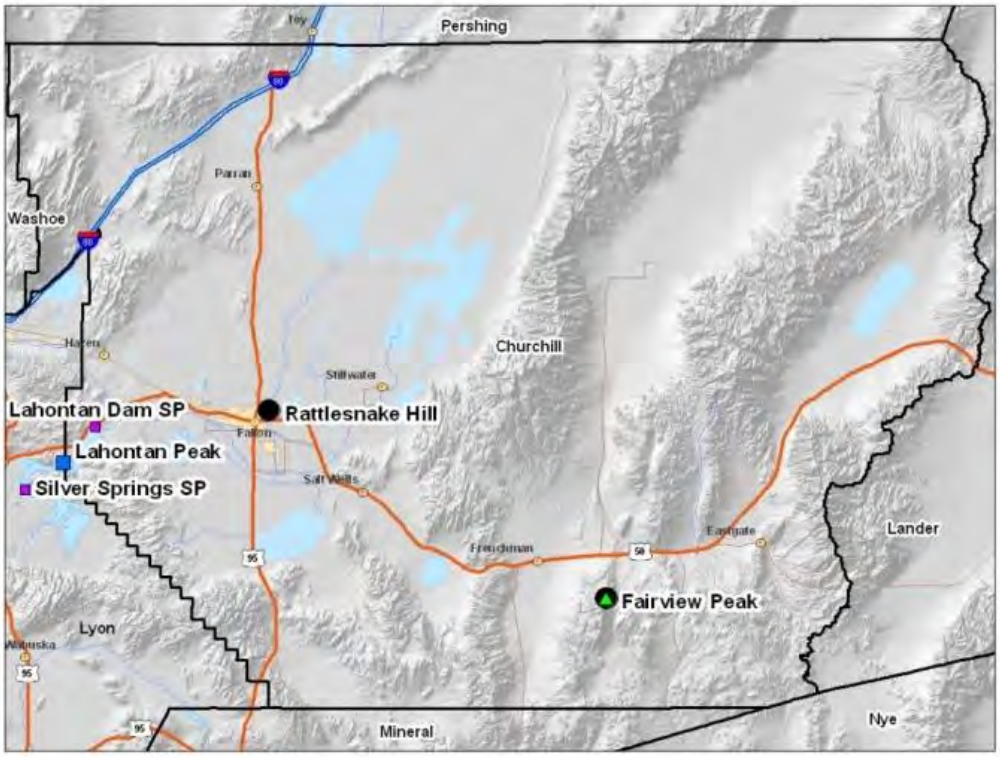
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Eagle Peak	NCALL1 / 8CALL90	NTAC12 / 8TAC91	NTAC21 / 8TAC92	
Pine Nut Mountain	NCALL1 / 8CALL90	NTAC4 / 8TAC93	NTAC22 / 8TAC94	
Bald Mountain	NCALL1 / 8CALL90	NTAC10 / 8TAC93	NTAC18 / 8TAC94	
TV Hill	NCALL1 / 8CALL90	NTAC9 / 8TAC93	NTAC20 / 8TAC94	
Pine Grove Mountain	NCALL1 / 8CALL90	NTAC11 / 8TAC91	NTAC14 / 8TAC92	Y

Lyon County Dispatch Center: 775-463-6620

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
SO 1	Local	154.7700	CSQ	154.7700	146.2	W	A
SO 1	Eagle Ridge	154.7700	CSQ	156.1500	114.8	W	A
SO 1	Como	154.7700	CSQ	156.1500	100.0	W	A
SO 1	Bald Mt.	154.7700	CSQ	156.1500	110.9	W	A
SO 2	Local	159.2100	CSQ	159.2100	146.2	W	A
SO 2	Eagle Ridge	159.2100	CSQ	156.1050	136.5	W	A
SO 2	Como	159.2100	CSQ	156.1050	127.3	W	A
SO 2	Bald Mt.	159.2100	CSQ	156.1050	110.9	W	A
Fire	Local	155.1000	CSQ	155.1000	CSQ	W	A
Fire	Eagle Ridge	155.1000	CSQ	155.9250	114.8	W	A
Fire	Como	155.1000	CSQ	155.9250	100.0	W	A
Fire	Bald Mt.	155.1000	CSQ	155.9250	110.9	W	A
Fire	Pond	155.1000	CSQ	155.9250	141.3	W	A
Fire TAC	TAC	154.4000	CSQ	154.4000	CSQ	W	A
NASAR	Local	155.1600	CSQ	155.1600	CSQ	W	A
Law Net	Local	155.4750	CSQ	155.4750	CSQ	W	A
Law Net	Local	155.6550	CSQ	155.6550	CSQ	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Eagle Peak	158.8950		159.4500	146.2	W	A
NDF	McClellan	158.8950		159.4500	107.2	W	A
NDF	Pine Nut	158.8950		159.4500	136.5	W	A
NDOW	Cory Peak	151.4750	67.0	151.60	85.4	W	A
State Parks Parks 4	Lahontan Peak	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 2	Lahontan Dam Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Silver Springs Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Fort Churchill Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Dayton Simplex	151.3400	131.8	151.3400	131.8	W	A

A.11 Churchill County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

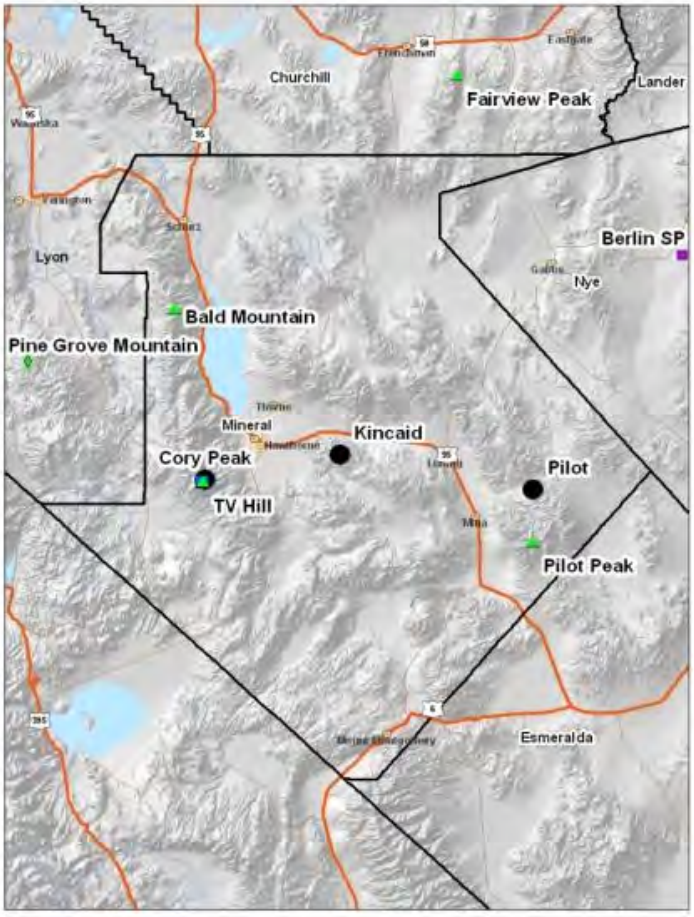
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Fairview Peak	NCALL1 / 8CALL90	NTAC3 / 8TAC91	NTAC17 / 8TAC92	

Churchill County Dispatch Center: 775-423-3116

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff Local	Local	155.1900		155.1900			
SO Fairview	Fairview	155.1900		155.9100	100.0	W	A
SO Rattlesnake	Rattlesnake	155.1900		155.9100	162.2	W	A
Fallon Fire	Local	155.0550		155.0550		W	A
Fallon PD	In Fallon	155.4900		154.6500	77.0	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
State Parks Parks 4	Lahontan Peak	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 2	Lahontan Dam Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Silver Springs Simplex	151.3400	131.8	151.3400	131.8	W	A

A.12 Mineral County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

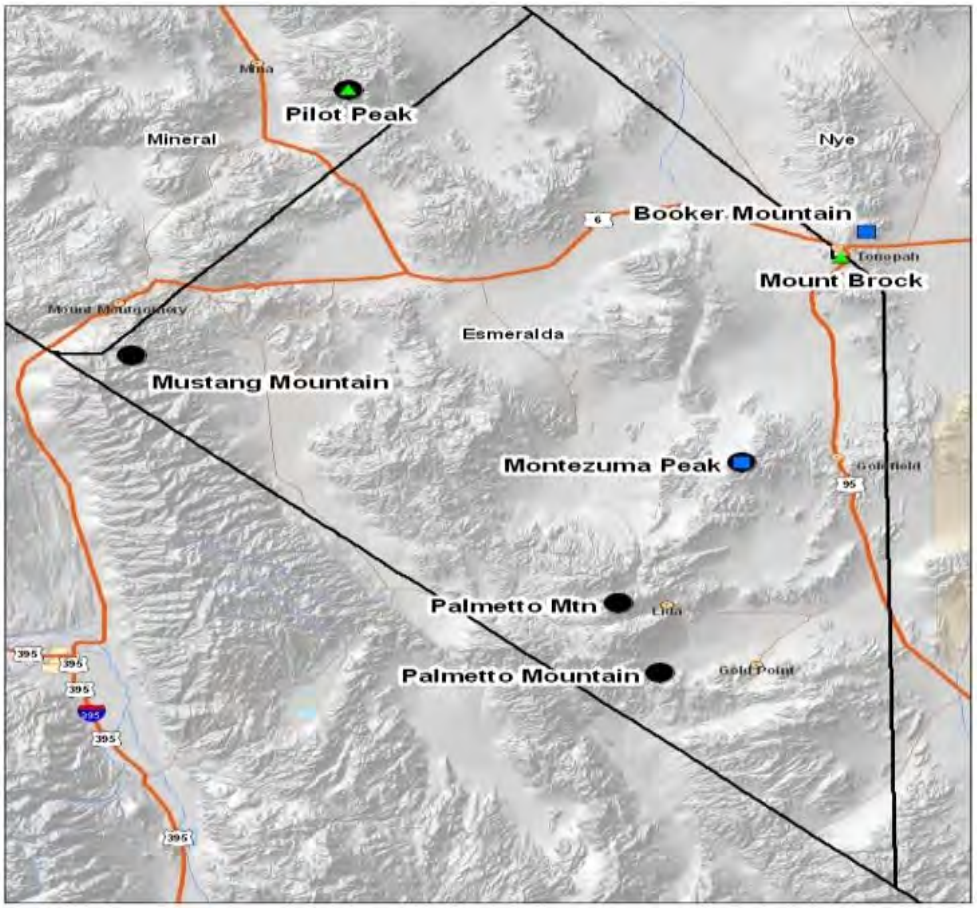
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Fairview Peak	NCALL1 / 8CALL90	NTAC3 / 8TAC91	NTAC17 / 8TAC92	
Bald Mountain	NCALL1 / 8CALL90	NTAC10 / 8TAC93	NTAC18 / 8TAC94	
TV Hill	NCALL1 / 8CALL90	NTAC9 / 8TAC93	NTAC20 / 8TAC94	
Pilot Peak	NCALL1 / 8CALL90	NTAC11 / 8TAC91	NTAC15 / 8TAC92	
Pine Grove Mountain	NCALL1 / 8CALL90	NTAC11 / 8TAC91	NTAC14 / 8TAC92	Y

Mineral County Dispatch Center: 775-945-2434

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.1150	82.5	155.1150	82.5	N	A
Sheriff	Kincaid	155.1150	82.5	155.9550	107.2	N	A
Sheriff	Cory Peak	155.1150	82.5	155.9550	156.7	N	A
Sheriff	Pilot Peak	155.1150	82.5	155.9550	114.8	N	A
Fire	Local	154.4150		154.4150		W	A
Fire	Kincaid	154.4150		153.7700		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDOW	Cory Peak	151.4750	67.0	151.60	85.4	W	A
State Parks Parks 2	Berlin Simplex	151.3400	131.8	151.3400	131.8	W	A

A.13 Esmeralda County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

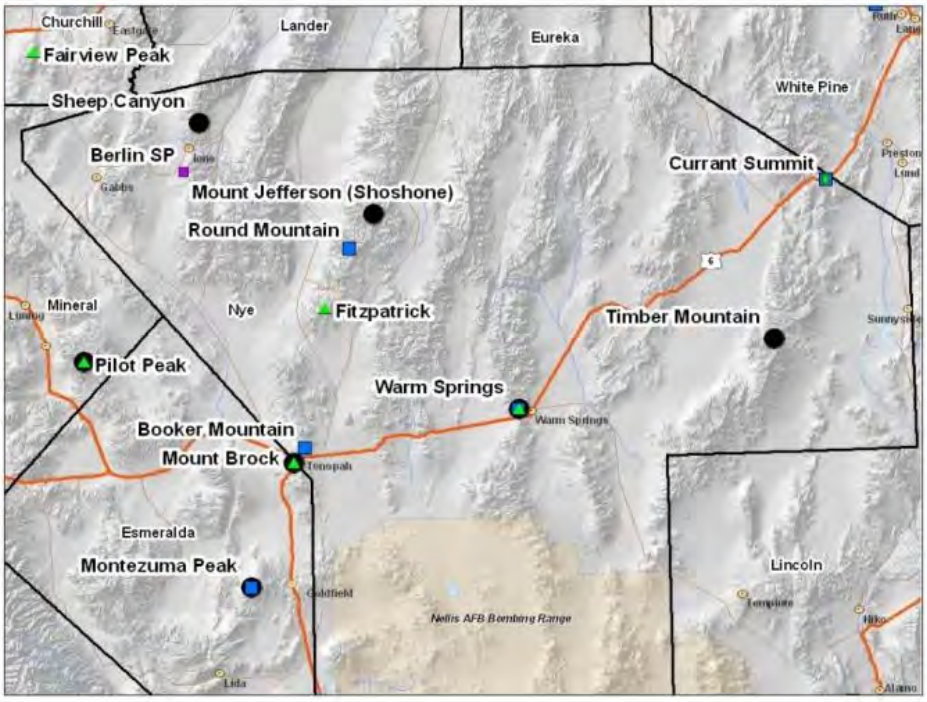
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Pilot Peak	NCALL1 / 8CALL90	NTAC11 / 8TAC91	NTAC15 / 8TAC92	
Mount Brock	NCALL4 / 8CALL90	NTAC9 / 8TAC93	NTAC17 / 8TAC94	

Esmeralda County Dispatch Center: 775-485-6373

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	155.3100		155.3100		W	A
Sheriff	Palmetto	155.3100		156.0900	100.0	W	A
Sheriff	Montezuma	155.3100		156.0900	114.8	W	A
Sheriff	Pilot Peak	155.3100		156.0900	82.5	W	A
Sheriff	Mustang Mountain	155.3100		156.0900	167.9	W	A
Fire	Mustang Mountain	154.4450		153.8900		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Booker Mountain	151.1900		159.2700	88.5	W	A
NDOW	Montezuma Peak	151.4750	67.0	151.60	123.0	W	A

A.14 Northern Nye County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

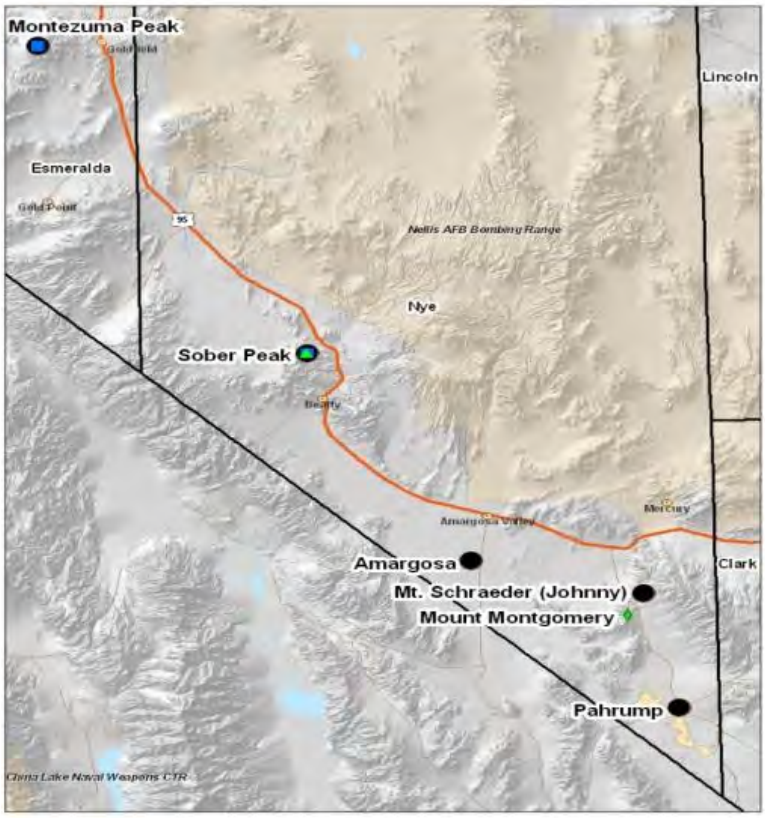
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Fairview Peak	NCALL1 / 8CALL90	NTAC3 / 8TAC91	NTAC17 / 8TAC92	
Pilot Peak	NCALL1 / 8CALL90	NTAC11 / 8TAC91	NTAC15 / 8TAC92	
Fitzpatrick	NCALL3 / 8CALL90	NTAC3 / 8TAC91	NTAC23 / 8TAC92	
Warm Springs	NCALL3 / 8CALL90	NTAC15 / 8TAC91	NTAC18 / 8TAC92	
Currant Summit	NCALL3 / 8CALL90	NTAC3 / 8TAC91	NTAC23 / 8TAC92	Y
Mount Brock	NCALL4 / 8CALL90	NTAC9 / 8TAC93	NTAC17 / 8TAC94	

Nye County Tonopah Dispatch Center: 775-482-8101

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local – Nye County	155.6250		155.6250			
Sheriff	Montezuma Peak	155.6250		151.0100	100.0	W	A
Sheriff	Pilot Peak	155.6250		151.0100	110.9	W	A
Sheriff	Mount Jefferson (Shoshone)	155.6250		151.0100	127.3	W	A
Sheriff	Sheep Canyon	155.6250		151.0100	103.5	W	A
Sheriff	Warm Springs	155.6250		151.0100	141.3	W	A
Sheriff	Timber Mountain	155.6250		151.0100	167.9	W	A
Fire	Local	154.4450		154.4450		W	A
Fire	Mt. Brock	154.4450		153.8900		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Round Mountain	151.1900		159.2700	146.2	W	A
NDF	Booker Mountain	151.1900		159.2700	88.5	W	A
NDF	Warm Springs	151.1900		159.2700	100.0	W	A
NDOW	Currant Summit	151.4750	67.0	151.60	94.8	W	A
NDOW	Montezuma Peak	151.4750	67.0	151.60	123.0	W	A
State Parks Parks 2	Berlin Simplex	151.3400	131.8	151.3400	131.8	W	A

A.15 Central and Southern Nye County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Sober Peak	NCALL2 / 8CALL90	NTAC15 / 8TAC91	NTAC17 / 8TAC92	
Mount Montgomery	NCALL3 / 8CALL90	NTAC3 / 8TAC93	NTAC23 / 8TAC94	Y

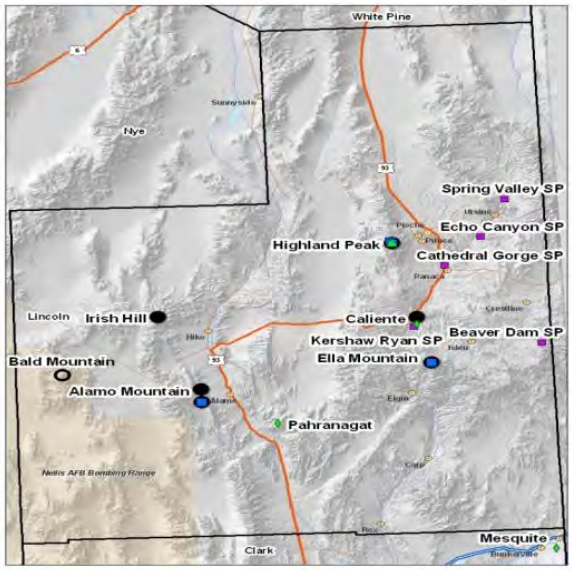
Nye County Pahrump Dispatch Center: 775-751-5000

Nye County Beatty Dispatch Center: 775-553-2345

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local – Nye County	155.6250		155.6250			
Sheriff	Pahrump	155.7900		154.8300	136.5	W	A
Sheriff	Montezuma Peak	155.6250		151.0100	100.0	W	A
Sheriff	Sober Peak	155.6250		151.0100	156.7	W	A
Sheriff	Amargosa	155.6250		155.6250		W	A
Sheriff	Mt. Schraeder (Johnny)	155.6250		151.0100	114.8	W	A
Fire	Local	154.4450		154.4450		W	A
Fire	Pahrump	154.4450		153.8900		W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Sober Peak	151.1900		159.2700	94.8	W	A
NDOW	Montezuma Peak	151.4750	67.0	151.60	123.0	W	A

A.16 Lincoln County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

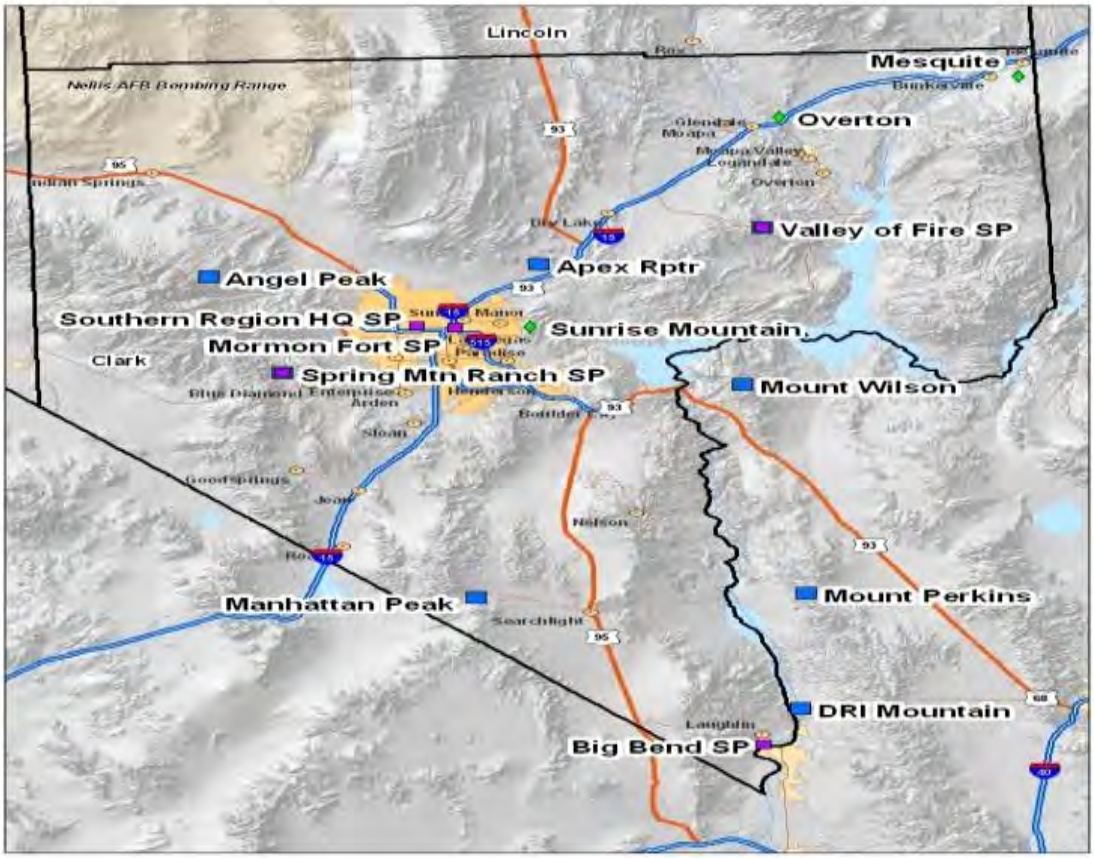
Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Highland	NCALL3 / 8CALL90	NTAC5 / 8TAC91	NTAC13 / 8TAC92	
Caliente	NCALL3 / 8CALL90	NCALL2 / 8TAC93	NTAC23 / 8TAC94	Y
Pahranagat	NCALL3 / 8CALL90	NTAC3 / 8TAC91	NTAC21 / 8TAC92	Y
Mesquite	NCALL3 / 8CALL90	NTAC5 / 8TAC91	NTAC22 / 8TAC92	Y

Lincoln County Dispatch Center: 775-962-5151

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
Sheriff	Local	154.8600		154.8600		W	A
Sheriff	Highland	154.8600	151.4	155.5350	151.4	W	A
Sheriff	Ella Mountain	154.8600	186.2	155.5350	186.2	W	A
Sheriff	Bald Mountain	154.8600	123.0	155.5350	123.0	W	A
Sheriff	Irish Hill	154.8600	94.8	155.5350	94.8	W	A
Sheriff Simulcast	Highland. Ella, Alamo	155.2050	100.0	154.0700	100.0	W	A
Fire	Alamo	155.7450		153.9200	123.0	W	A

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Highland Peak	158.8950		159.4500	118.8	W	A
NDF	Ella Mtn.	158.8950		159.4500	136.5	W	A
NDF	Alamo Mtn.	158.8950		159.4500	107.2	W	A
NDOW	Highland Peak	151.4750	79.7	151.60	88.5	W	A
State Parks Parks 1	Highland Peak	151.3400	131.8	159.3750	131.8	W	A
State Parks Parks 2	Spring Valley Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Cathedral Gorge Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Kershaw Ryan Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Beaver Dam Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Echo Canyon Simplex	151.3400	131.8	151.3400	131.8	W	A

A.17 Clark County Map and Channels



State Cross-Band Repeater Sites – VHF and 800 MHz

Repeater Location	Calling Channel Name	Tactical Channel Name	Tactical Channel Name	Future
Mesquite	NCALL3 / 8CALL90	NTAC5 / 8TAC91	NTAC22 / 8TAC92	Y
Overton	NCALL3 / 8CALL90	NTAC1 / 8TAC93	NTAC7 / 8TAC94	Y
Sunrise Mountain	NCALL4 / 8CALL90	NTAC8 / 8TAC91	NTAC17 / 8TAC94	Y

Clark County Dispatch Center: 702-XXX-XXXX

Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M

Note: Clark County information will be added at a later date.

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
NDF	Angel Peak	158.8950		159.4500	127.3	W	A
NDF	Manhattan Peak	158.8950		159.4500	146.2	W	A
NDOW	Angel Peak	151.4750	79.7	151.60	123.0	W	A
NDOW	Mount Wilson	151.4750	79.7	151.60	85.4	W	A
NDOW	Mount Perkins	151.4750	79.7	151.60	94.8	W	A
NDOW	DRI Mountain	151.4750	79.7	151.60	107.2	W	A
State Parks Parks 1	Apex Rptr	151.3400	131.8	159.3750	131.8	W	A
State Parks Parks 4	Valley of Fire	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 4	Spring Mtn Ranch	151.3400	131.8	159.3750	114.8	W	A
State Parks Parks 2	Southern Region HQ Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Mormon Fort Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 2	Big Bend Simplex	151.3400	131.8	151.3400	131.8	W	A
State Parks Parks 6	Mount Perkins	151.3400	131.8	159.3750	88.5	W	A

Appendix B Frequency Guide

B.1 State Parks VHF Channel/Frequency Usage Plan

State Agency / Channel Name	Repeater Location	RX Freq	RX Tone / NAC	TX Freq	TX Tone / NAC	W/N	Mode A, D, or M
PARKS 1	Snow Valley Peak Site, Squaw Peak Site, Highland Peak Site, Apex Site	151.3400	131.8	159.3750	131.8	W	A
PARKS 2	Primary Car-to-Car	151.3400	131.8	151.3400	131.8	W	A
PARKS 3	Tactical Car-to-Car	151.2950	131.8	151.2950	131.8	W	A
PARKS 4	Lahontan Peak Site, Sand Harbor State Park, Spring Mtn Ranch State Park, Valley of Fire State Park	151.3400	131.8	159.3750	131.8	W	A
PARKS 5	Reserved for Future Use	151.3400		159.3750			
PARKS 6	Mt. Perkins Site	151.3400	131.8	159.3750	88.5	W	A

B.2 Tactical Frequencies

Channel Name	Alternate Name	Usage	Frequency	TX or RX Tone	W/N
Fire White 1	VFIRE21W	Fire Mutual Aid*	154.2800	156.7	W
Fire White 2	VFIRE22W	Fire Mutual Aid*	154.2650	156.7	W
Fire White 3	VFIRE23W	Fire Mutual Aid*	154.2950	156.7	W
NDF RED			159.3450		W
NDF RED 2			158.8650		W
VLAW31	VLAW31W	Law Enforcement Mutual Aid*	155.4750	156.7	
SAR	SARWFM	Search and Rescue Common*	155.1600	156.7	
		State Law Enforcement Mutual Aid	155.6550		

* Non-Federal VHF Interoperability Channels.

B.3 Non-Federal VHF National Interoperability Channels

Channel Name	Usage	Frequency	TX or RX Tone	W/N	Mode A, D, or M
VCALL10	Calling	155.7525	CSQ/156.7	N	A
VTAC11	Tactical	151.1375	CSQ/156.7	N	A
VTAC12	Tactical	154.4525	CSQ/156.7	N	A
VTAC13	Tactical	158.7375	CSQ/156.7	N	A
VTAC14	Tactical	159.4725	CSQ/156.7	N	A

B.4 State Cross-Band Repeater 800 MHz Frequencies

Channel Name	Usage	RX Frequency	TX Frequency	TX or RX Tone	Mode A, D, or M
8CALL90	Calling	851.0125	806.0125		A
8TAC91	Tactical	851.5125	806.5125		A
8TAC92	Tactical	852.0125	807.0125		A
8TAC93	Tactical	852.5125	807.5125		A
8TAC94	Tactical	853.0125	808.0125		A

B.5 State Cross-Band Repeater VHF Frequencies

Channel Name	RX Frequency	TX Frequency	TX or RX Tone	W/N	Mode A, D, or M
NCALL1	151.0700	156.1800		N	A
NCALL2	151.1000	154.6950		N	A
NCALL3	159.4200	154.0100		N	A
NCALL4	151.0850	155.3850		N	A
NTAC1	151.2050	154.1750		N	A
NTAC2	151.2650	154.1000		N	A
NTAC3	151.3100	155.3550		N	A
NTAC4	151.3100	154.9050		N	A
NTAC5	151.3550	155.8200		N	A
NTAC6	151.4300	154.9050		N	A
NTAC7	151.4300	155.5800		N	A
NTAC8	153.7850	156.1950		N	A
NTAC9	153.8450	156.1350		N	A
NTAC10	153.8750	155.4450		N	A
NTAC11	153.9050	155.3700		N	A
NTAC12	153.9200	155.5875		N	A
NTAC13	158.7525	155.0850		N	A
NTAC14	158.7525	155.7300		N	A
NTAC15	158.7600	155.5800		N	A
NTAC16	159.0150	155.7300		N	A
NTAC17	159.0450	155.1300		N	A
NTAC18	159.0525	154.9650		N	A
NTAC19	159.0750	154.3400		N	A
NTAC20	159.0825	156.0450		N	A
NTAC21	159.1500	155.1450		N	A
NTAC22	159.1800	154.8300		N	A
NTAC23	159.2475	154.3250		N	A

B.6 Dispatch Center Telephone Numbers

Agency	Telephone Number
Carson City Dispatch Center	(775) 887-2009
Churchill County Dispatch Center	(775) 423-3116
Clark County	
Douglas County Dispatch Center	(775) 782-5126
Elko County Dispatch Center	(775) 777-7301
Esmeralda County Dispatch Center	(775) 485-6373
Eureka County Dispatch Center	(775) 237-5330
Humboldt County Dispatch Center	(775) 623-6429
Lander County Dispatch Center	(775) 635-5161
Lincoln County Dispatch Center	(775) 962-5151
Lyon County Dispatch Center	(775) 463-6620
Mineral County Dispatch Center	(775) 945-2434
Nye County Beatty Dispatch Center	(775) 553-2345
Nye County Pahrump Dispatch Center	(775) 751-7000
Nye County Tonopah Dispatch Center:	(775) 482-8101
Pershing County Dispatch Center:	(775) 273-2641
Storey County Dispatch Center:	(775) 847-0950
Washoe County – Reno ECOM	(775) 334-2399
Washoe County – Sparks Dispatch	(775) 353-2231
Washoe County Sheriff's Office Incline	(775) 832-4110 or (775) 831-0587
White Pine County Dispatch Center	(775) 289-4833
Nevada Department of Wildlife	(775) 688-1331
Nevada Division of Forestry – Sierra Front Interagency Dispatch Center	(775) 883-5995
Nevada Division of Forestry – Elko Interagency Dispatch Center	(775) 753-0304
NHP Dispatch Center - Las Vegas	(702) 486-4100 x6
	(775) 687-0400
NHP Dispatch Center - Elko	(775) 753-1171

Appendix C Reference Materials

Reference Sources

- SAFECOM. http://www.safecomprogram.gov

  The *National Emergency Communications Plan* (NECP) is a strategic plan that sets goals and identifies key national priorities to enhance governance, planning, technology, training and exercises, and disaster communications capabilities. The NECP provides recommendations, including milestones, to help emergency response providers and relevant government officials make measurable improvements in emergency communications over the next three years.

- National Public Safety Telecommunications Council (NPSTC). http://www.npstc.org

  The *National Interoperability Field Operations Guide* (NIFOG) is a collection of technical reference material for radio technicians responsible for radios that will be used in disaster response applications. The NIFOG includes information from the National Interoperability Frequency Guide (NIFG), the instructions for use of the NIFG, and other reference material; formatted as a pocket-sized guide for radio technicians to carry with them.

- Federal Emergency Management Agency (FEMA). http://www.fema.gov

  The Department of Homeland Security *Target Capability List* (TCL describes the capabilities related to the four homeland security mission areas: Prevent, Protect, Respond, and Recover. It defines and provides the basis for assessing preparedness. It also establishes national guidance for preparing the Nation for major all-hazards events, such as those defined by the National Planning Scenarios.

- Nevada. http://homelandsecurity.nv.gov/NCSC_docs.htm

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  The Nevada *Statewide Communications Interoperability Plan* (SCIP) is a strategic plan designed to provide a framework for the state to identify strategic initiatives intended to enhance emergency communications interoperability throughout the State. Nevada has an approved SCIP that addresses designated critical elements for statewide interoperability and a process to frequently update the SCIP as progress is made and new initiatives emerge.

Appendix D Glossary and Terms

BLM – Bureau of Land Management

Cache radios, also known as -swapped radios,‖ refer to maintaining a cache of standby radios that can be deployed to support regional incidents. These radios may be from a regional cache or from a participating agency. These radios allow all responders to use common, compatible equipment during an incident.

CAM – Communication Assets Mapping

CAS – Communication Assets Survey

CASM – Communication Assets Survey and Mapping

COMC – Communications Coordinator

COML – Communications Unit Leader

COMT – Incident Communications Technician

CTCSS – Continuous Tone-Controlled Squelch Systems

DHS – Department of Homeland Security

EOC – Emergency Operations Center

Gateway systems interconnect channels of disparate systems (whether on different frequency bands or radio operating modes), allowing first responders using their existing radios and channels to be interconnected with the channels of other users outside of their agency. Dispatch consoles that are able to create patches will also be captured as gateways.

FAO – Fire Alarm Office

FAS – Frequency Assignment Subcommittee

FEMA – Federal Emergency Management Agency

FOG – Field Operations Guide

GMF – Government Master File

HSPDs – Homeland Security Presidential Directives

IC – Incident Commander

ICC – Incident Communications Center

ICP – Incident Command Post

ICS – Incident Command System

INCM – Incident Communications Center Manager

Interoperability is the ability to communicate between agencies that utilize disparate radio systems and other interoperability methods such as mutual aid channels, gateways, dispatch centers and radio caches. Interoperable resources are defined as shared systems, shared channels, gateways, and radio caches:

Inter-system shared channels refer to common frequencies/talkgroups established and programmed into radios to provide interoperable communications among agencies using ***different*** radio systems. -Channel,‖ in this context, refers to the name of a common frequency/talkgroup visually displayed on a user's radio.

Intra-system shared channels refer to common frequencies/talkgroups established and programmed into radios to provide interoperable communications among agencies using the ***same*** shared radio system. -Channel,‖ in this context, refers to the name of a common frequency/talkgroup visually displayed on a user's radio.

IRAC – Inter-department Radio Advisory Committee

JNT – Joint Application

MACS - Multiagency Coordination System

Mobile communications Units (MCUs) (also known as a Mobile Communications Centers (MCCs), Mobile Communications Vehicle (MCV), or Mobile EOCs) refers to any vehicular asset that can be deployed to provide or supplement communications capabilities in an incident area. Examples of the types of communications devices an MCU can house are: subscriber and base station radios of various frequency bands, gateway devices, satellite phones, wireless computer networks, video broadcasting/receiving equipment, etc. Typically these communications devices are permanently located or stored in the MCUs when not used. The MCU should also be able to temporarily provide the electrical power required to operate the communications devices.

MOUs - Memoranda of Understanding

NAC – Network Access Code

NCSC – Nevada Communications Steering Committee

NDF – Nevada Department of Forestry

NDOW – Nevada Department of Wildlife

NECP – National Emergency Communications Plan

NIMS – National Incident Management System

NRF – National Response Framework

NSRS - Nevada Shared Radio System

NTIA - National Telecommunications and Information Administration

RADO – Radio Operator

Shared systems refer to a single radio system used to provide service to several public safety or public service agencies.

SEOC – State EOC

SNACC - Southern Nevada Area Communications Council

SOPs – Standard Operating Procedures

THSP – Technical Specialist

TICP – Tactical Interoperable Communications Plan

UACSC – Urban Area Communication Steering Committee

UAWG – Las Vegas Urban Area Working Group

WCRCS - Washoe County Regional Communications Systems

Appendix E Web Site Links

American Radio Relay League (ARRL): www.arrl.org
APCO International: www.apcointl.org
CASM: https://franz.spawar.navy.mil
DHS OEC: www.dhs.gov/xabout/structure/gc_1189774174005.shtm
EMAC: www.emacweb.org
FCC Enforcement Bureau: www.fcc.gov/eb
FCC Public Safety & Homeland Security Bureau: www.fcc.gov/pshs
FCC Special Temporary Authority (STA): www.fcc.gov/pshs/services/sta.html
FCC ULS: wireless.fcc.gov/uls
FEMA: www.fema.gov
Government Emergency Telecommunications Service (GETS): gets.ncs.gov
Homeland Security Information Network: www.hsin.gov
Lessons Learned Information Sharing: www.llis.gov
National Interagency Fire Center (NIFC): www.nifc.gov
National Interagency Incident Communications: www.fs.fed.us/fire/niicd
National Interoperability Information Exchange (NIIX): www.niix.org
National Regional Planning Council (NRPC) www.nrpc.us
National Telecommunications & Information Admin (NTIA): http://www.ntia.doc.gov
National Wildfire Coordinating Group (NWCG): www.nwcg.gov
NIMS Information: www.fema.gov/emergency/nims
NPSTC: www.npstc.org
Radio Reference: www.radioreference.com
SAFECOM: www.safecomprogram.gov
Wildland Fire Communications: www.fireradios.net
Wireless Priority Service (WPS): wps.ncs.gov

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